Index to Volume 61-A

(American Volume)
1979
AUTHORS

PAGE

A

Abraham E and **Stirnaman JE.** Neglected Rupture of the Peroneal Tendons Causing Recurrent Sprains of the Ankle. Case Report. 1247
Aghemo P *see* **Veicsteinas A**
Ahmadi B, Shahriaree H and **Silver CM.** Severe Congenital Genu Recurvatum. Case Report 622
Akeson WH *see* **Hargens AR**
Alexander RW *see* **Raynor AC**
Amstutz HC and **Smith RK.** Total Hip Replacement following Failed Femoral Hemiarthroplasty 1161
Amstutz HC *see* **Markolf KL**
Amstutz HC *see* **Matos MH**
Andrews JR *see* **Norwood LA Jr.**
Arafiles RP and **Gustilo RB.** Joint Replacement in Non-Ambulatory Patients . 892
Armstrong CG, Bahrani AS and **Gardner DL.** *In Vitro* Measurement of Articular Cartilage Deformations in the Intact Human Hip Joint under Load ... 744
Arnoczky SP, Rubin RM and **Marshall JL.** Microvasculature of the Cruciate Ligaments and Its Response to Injury. An Experimental Study in Dogs 1221
Azen SP *see* **Boone DC**

B

Baddeley S *see* **Hardy AE**
Bahrani AS *see* **Armstrong CG**
Bailey RW *see* **Beall MS Jr.**
Barak AJ *see* **Jardon OM**
Baratz M *see* **Wientroub S**
Barmada R and **Siegel IM.** Postoperative Separation of the Femoral and Acetabular Components of a Single-Assembly Total Hip (Bateman) Replacement. Report of Two Cases 777
Barnett DC *see* **Janecki CJ**
Baruch A *see* **Kessler I**
Bassingthwaighte JB *see* **Hughes SPF**
Baugher WH and **McCue FC III.** Anterior Fracture-Dislocation of the Proximal Interphalangeal Joint. A Case Report 779
Beabout JW *see* **Sim FH**
Beall MS Jr., Nebel E and **Bailey RW.** Transarticular Fixation in the Treatment of Non-Union of Supracondylar Fractures of the Femur: A Salvage Procedure 1018
Beatie J *see* **Tse D**
Beaupré A and **Carroll N.** The Three Syndromes of Iliac Osteomyelitis in Children 1087
Benchetrit E and **Friedman B.** Fracture of the Coracoid Process Associated with Subglenoid Dislocation of the Shoulder. A Case Report 295
Bender BL and **Yunis E.** Fibrocartilaginous Lesions of Bone and Hemangiomas and Lipomas of Soft Tissue Resembling Maffucci's Syndrome. A Case Report 1104
Berson BL and **Hermann G.** Torn Discoid Menisci of the Knee in Adults. Four Case Reports 303
Betts HB *see* **Wu Y**
Bingham HG *see* **Raynor AC**
Bisbee GE Jr. see **Kelsey JL**
Blair W and **Hanson C.** Traumatic Closure of the Triradiate Cartilage. Report of a Case 144
Blatz DJ. Open Fracture of the Tibia and Fibula Complicated by Infection with *Aeromonas hydrophila*. A Case Report 790
Block RA *see* **Miskew DB**
Bloom JD *see* **Sorensen WG**
Blount WP *see* **Zuege RC**
Board of Trustees. Editorial. Welcome Aboard. 319
Bobechko WP *see* **Taylor TC**
Bohlman HH. Acute Fractures and Dislocations of the Cervical Spine. An Analysis of Three Hundred Hospitalized Patients and Review of the Literature 1119
Boone DC and **Azen SP.** Normal Range of Motion of Joints in Male Subjects . 756
Booth JE, Jacobson JA, Kurrus TA and **Edwards TW.** Infection of Prosthetic Arthroplasty by *Mycobacterium fortuitum*. Two Case Reports 300
Bourn S *see* **Lanyon LE**
Bourne RB *see* **Harris WH**
Bowers WH and **Doppelt SH.** Compression of the Deep Branch of the Ulnar Nerve by an Intraneural Cyst. Case Report. 612
Bowers WH and **Fajgenbaum DM.** Closed Rupture of the Volar Plate of the Distal Interphalangeal Joint 146
Boxall D, Bradford DS, Winter RB and **Moe JH.** Management of Severe Spondylolisthesis in Children and Adolescents 479
Boyes JH *see* **Stark HH**
Bradford DS *see* **Boxall D**
Bradford DS *see* **Cummine JL**
Bradford DS *see* **Winter RB**
Bradley GW, Shives TC and **Samuelson KM.** Ligament Injuries in the Knees of Children 588

PAGE

Bradley GW, McKenna GB, Dunn HK, Daniels AU and **Statton WO.** Effects of Flexural Rigidity of Plates on Bone Healing. 866
Brand RA *see* **Johnston RC**
Branick R *see* **Tse D**
Brickley-Parsons D *see* **Sakamoto M**
Briggs BT *see* **Cofield RH**
Brodersen MP, Fitzgerald RH Jr., Peterson LFA, Coventry MB and **Bryan RS.** Arthrodesis of the Knee following Failed Total Knee Arthroplasty 181
Brodeur AE *see* **Silberstein MJ**
Broock G *see* **Roose PE**
Brooks DB *see* **Heiple KG**
Brown DW *see* **Pope MH**
Brown M *see* **Mnaymneh W**
Brown RH *see* **Nash CL Jr.**
Brown T. The American Orthopaedic Association — Its Role in a Troubled World 1112
Brown TD *see* **Ferguson AB Jr.**
Bryan RS *see* **Brodersen MP**
Bucholz RW and **Burkhead WZ.** The Pathological Anatomy of Fatal Atlanto-Occipital Dislocations 248
Burkhalter WE and **Carneiro RS.** Correction of the Attritional Boutonnière Deformity in High Ulnar-Nerve Paralysis. 131
Burkhart SS and **Peterson HA.** Fractures of the Proximal Tibial Epiphysis ... 996
Burkhead WZ *see* **Bucholz RW**
Burstein AH *see* **Heiple KG**
Burstein AH *see* **Salvati EA**

C

Cabaud HE, Westin GW and **Connelly S.** Tendon Transfers in the Paralytic Hip 1035
Cady RB *see* **Yuan HA**
Calver RF *see* **Rostron PKM**
Canale ST and **Manugian AH.** Irreducible Traumatic Dislocations of the Hip 7
Canale ST *see* **Shelton WR**
Carneiro RS *see* **Burkhalter WE**
Carpenter EB. Resection of the Proximal Third of the Femur for Chondrosarcoma in a Child: Replacement with a Metallic Prosthesis. Case Report ... 628
Carroll N *see* **Beaupré A**
Carter VS *see* **Yocum LA**
Casey MJ and **Chapman MW.** Ipsilateral Concomitant Fractures of the Hip and Femoral Shaft 503
Chandler HP *see* **Gelman ML**
Chao EY *see* **Morrey BF**
Chao EYS *see* **Sim FH**
Chapman MW *see* **Casey MJ**
Chingren GL *see* **Roose PE**
Chretien P *see* **Levine AM**
Clancy W Jr. *see* **Zoellner G**
Clanton TO, DeLee JC, Sanders B and **Neidre A.** Knee Ligament Injuries in Children 1195
Cofield RH and **Briggs BT.** Glenohumeral Arthrodesis. Operative and Long-Term Functional Results 668
Collins HR *see* **Yocum LA**
Compere CL, Hill JA, Lewinnek GE and **Thompson RG.** A New Method of Patellectomy for Patellofemoral Arthritis 714
Conforty B. Anomaly of the Scapula Associated with Sprengel's Deformity. Case Report 1243
Connelly S *see* **Cabaud HE**
Connolly JF *see* **Jardon OM**
Cooney WP III, Linscheid RL and **Dobyns JH.** External Pin Fixation for Unstable Colles' Fractures 840
Cooper RR *see* **Moses JM**
Couglin MJ, Morris JM and **West WF.** The Semiconstrained Total Shoulder Arthroplasty 574
Coughlin MJ, Slabaugh PB and **Smith TK.** Experience with the McAtee Olecranon Device in Olecranon Fractures 385
Cova P *see* **Veicsteinas A**
Coventry MB and **Rothacker GW Jr.** Bilateral Calcaneal Fracture in a Diabetic Patient. A Case Report 462
Coventry MB *see* **Brodersen MP**
Crandall RC and **Hamel AL.** Bipartite Median Nerve at the Wrist. Report of a Case 311
Crowe JF, Mani VJ and **Ranawat CS.** Total Hip Replacement in Congenital Dislocation and Dysplasia of the Hip 15
Crowninshield RD *see* **Johnston RC**
Cummine JL, Lonstein JE, Moe JH, Winter RB and **Bradford DS.** Reconstructive Surgery in the Adult for Failed Scoliosis Fusion 1151
Curtiss PH Jr. Editorial. Ave Atque Vale 1
Curtiss PH Jr. Writing for The Journal of Bone and Joint Surgery 799

Index to Volume 61-A

(American Volume)

1979

AUTHORS

PAGE

A

Abraham E and **Stirnaman JE.** Neglected Rupture of the Peroneal Tendons Causing Recurrent Sprains of the Ankle. Case Report. 1247
Aghemo P *see* **Veicsteinas A**
Ahmadi B, Shahriaree H and **Silver CM.** Severe Congenital Genu Recurvatum. Case Report 622
Akeson WH *see* **Hargens AR**
Alexander RW *see* **Raynor AC**
Amstutz HC and **Smith RK.** Total Hip Replacement following Failed Femoral Hemiarthroplasty 1161
Amstutz HC *see* **Markolf KL**
Amstutz HC *see* **Matos MH**
Andrews JR *see* **Norwood LA Jr.**
Arafiles RP and **Gustilo RB.** Joint Replacement in Non-Ambulatory Patients . 892
Armstrong CG, Bahrani AS and **Gardner DL.** *In Vitro* Measurement of Articular Cartilage Deformations in the Intact Human Hip Joint under Load ... 744
Arnoczky SP, Rubin RM and **Marshall JL.** Microvasculature of the Cruciate Ligaments and Its Response to Injury. An Experimental Study in Dogs 1221
Azen SP *see* **Boone DC**

B

Baddeley S *see* **Hardy AE**
Bahrani AS *see* **Armstrong CG**
Bailey RW *see* **Beall MS Jr.**
Barak AJ *see* **Jardon OM**
Baratz M *see* **Wientroub S**
Barmada R and **Siegel IM.** Postoperative Separation of the Femoral and Acetabular Components of a Single-Assembly Total Hip (Bateman) Replacement. Report of Two Cases 777
Barnett DC *see* **Janecki CJ**
Baruch A *see* **Kessler I**
Bassingthwaighte JB *see* **Hughes SPF**
Baugher WH and **McCue FC III.** Anterior Fracture-Dislocation of the Proximal Interphalangeal Joint. A Case Report 779
Beabout JW *see* **Sim FH**
Beall MS Jr., Nebel E and **Bailey RW.** Transarticular Fixation in the Treatment of Non-Union of Supracondylar Fractures of the Femur: A Salvage Procedure 1018
Beatie J *see* **Tse D**
Beaupré A and **Carroll N.** The Three Syndromes of Iliac Osteomyelitis in Children 1087
Benchetrit E and **Friedman B.** Fracture of the Coracoid Process Associated with Subglenoid Dislocation of the Shoulder. A Case Report 295
Bender BL and **Yunis E.** Fibrocartilaginous Lesions of Bone and Hemangiomas and Lipomas of Soft Tissue Resembling Maffucci's Syndrome. A Case Report 1104
Berson BL and **Hermann G.** Torn Discoid Menisci of the Knee in Adults. Four Case Reports 303
Betts HB *see* **Wu Y**
Bingham HG *see* **Raynor AC**
Bisbee GE Jr. see **Kelsey JL**
Blair W and **Hanson C.** Traumatic Closure of the Triradiate Cartilage. Report of a Case 144
Blatz DJ. Open Fracture of the Tibia and Fibula Complicated by Infection with *Aeromonas hydrophila*. A Case Report 790
Block RA *see* **Miskew DB**
Bloom JD *see* **Sorensen WG**
Blount WP *see* **Zuege RC**
Board of Trustees. Editorial. Welcome Aboard. 319
Bobechko WP *see* **Taylor TC**
Bohlman HH. Acute Fractures and Dislocations of the Cervical Spine. An Analysis of Three Hundred Hospitalized Patients and Review of the Literature 1119
Boone DC and **Azen SP.** Normal Range of Motion of Joints in Male Subjects . 756
Booth JE, Jacobson JA, Kurrus TA and **Edwards TW.** Infection of Prosthetic Arthroplasty by *Mycobacterium fortuitum*. Two Case Reports 300
Bourn S *see* **Lanyon LE**
Bourne RB *see* **Harris WH**
Bowers WH and **Doppelt SH.** Compression of the Deep Branch of the Ulnar Nerve by an Intraneural Cyst. Case Report. 612
Bowers WH and **Fajgenbaum DM.** Closed Rupture of the Volar Plate of the Distal Interphalangeal Joint 146
Boxall D, Bradford DS, Winter RB and **Moe JH.** Management of Severe Spondylolisthesis in Children and Adolescents 479
Boyes JH *see* **Stark HH**
Bradford DS *see* **Boxall D**
Bradford DS *see* **Cummine JL**
Bradford DS *see* **Winter RB**
Bradley GW, Shives TC and **Samuelson KM.** Ligament Injuries in the Knees of Children 588

PAGE

Bradley GW, McKenna GB, Dunn HK, Daniels AU and **Statton WO.** Effects of Flexural Rigidity of Plates on Bone Healing. 866
Brand RA *see* **Johnston RC**
Branick R *see* **Tse D**
Brickley-Parsons D *see* **Sakamoto M**
Briggs BT *see* **Cofield RH**
Brodersen MP, Fitzgerald RH Jr., Peterson LFA, Coventry MB and **Bryan RS.** Arthrodesis of the Knee following Failed Total Knee Arthroplasty 181
Brodeur AE *see* **Silberstein MJ**
Broock G *see* **Roose PE**
Brooks DB *see* **Heiple KG**
Brown DW *see* **Pope MH**
Brown M *see* **Mnaymneh W**
Brown RH *see* **Nash CL Jr.**
Brown T. The American Orthopaedic Association — Its Role in a Troubled World 1112
Brown TD *see* **Ferguson AB Jr.**
Bryan RS *see* **Brodersen MP**
Bucholz RW and **Burkhead WZ.** The Pathological Anatomy of Fatal Atlanto-Occipital Dislocations 248
Burkhalter WE and **Carneiro RS.** Correction of the Attritional Boutonnière Deformity in High Ulnar-Nerve Paralysis. 131
Burkhart SS and **Peterson HA.** Fractures of the Proximal Tibial Epiphysis ... 996
Burkhead WZ *see* **Bucholz RW**
Burstein AH *see* **Heiple KG**
Burstein AH *see* **Salvati EA**

C

Cabaud HE, Westin GW and **Connelly S.** Tendon Transfers in the Paralytic Hip 1035
Cady RB *see* **Yuan HA**
Calver RF *see* **Rostron PKM**
Canale ST and **Manugian AH.** Irreducible Traumatic Dislocations of the Hip 7
Canale ST *see* **Shelton WR**
Carneiro RS *see* **Burkhalter WE**
Carpenter EB. Resection of the Proximal Third of the Femur for Chondrosarcoma in a Child: Replacement with a Metallic Prosthesis. Case Report ... 628
Carroll N *see* **Beaupré A**
Carter VS *see* **Yocum LA**
Casey MJ and **Chapman MW.** Ipsilateral Concomitant Fractures of the Hip and Femoral Shaft 503
Chandler HP *see* **Gelman ML**
Chao EY *see* **Morrey BF**
Chao EYS *see* **Sim FH**
Chapman MW *see* **Casey MJ**
Chingren GL *see* **Roose PE**
Chretien P *see* **Levine AM**
Clancy W Jr. *see* **Zoellner G**
Clanton TO, DeLee JC, Sanders B and **Neidre A.** Knee Ligament Injuries in Children 1195
Cofield RH and **Briggs BT.** Glenohumeral Arthrodesis. Operative and Long-Term Functional Results 668
Collins HR *see* **Yocum LA**
Compere CL, Hill JA, Lewinnek GE and **Thompson RG.** A New Method of Patellectomy for Patellofemoral Arthritis 714
Conforty B. Anomaly of the Scapula Associated with Sprengel's Deformity. Case Report 1243
Connelly S *see* **Cabaud HE**
Connolly JF *see* **Jardon OM**
Cooney WP III, Linscheid RL and **Dobyns JH.** External Pin Fixation for Unstable Colles' Fractures 840
Cooper RR *see* **Moses JM**
Couglin MJ, Morris JM and **West WF.** The Semiconstrained Total Shoulder Arthroplasty 574
Coughlin MJ, Slabaugh PB and **Smith TK.** Experience with the McAtee Olecranon Device in Olecranon Fractures 385
Cova P *see* **Veicsteinas A**
Coventry MB and **Rothacker GW Jr.** Bilateral Calcaneal Fracture in a Diabetic Patient. A Case Report 462
Coventry MB *see* **Brodersen MP**
Crandall RC and **Hamel AL.** Bipartite Median Nerve at the Wrist. Report of a Case 311
Crowe JF, Mani VJ and **Ranawat CS.** Total Hip Replacement in Congenital Dislocation and Dysplasia of the Hip 15
Crowninshield RD *see* **Johnston RC**
Cummine JL, Lonstein JE, Moe JH, Winter RB and **Bradford DS.** Reconstructive Surgery in the Adult for Failed Scoliosis Fusion 1151
Curtiss PH Jr. Editorial. Ave Atque Vale 1
Curtiss PH Jr. Writing for The Journal of Bone and Joint Surgery 799

PAGE

D

Dahlin DC *see* **Landon GC**
Dahlin DC *see* **Sim FH**
Daniel D and **Rice T.** Valgus-Varus Stability in a Hinged Cast Used for Controlled Mobilization of the Knee 135
Daniel RK *see* **Weiland AJ**
Daniels AU *see* **Bradley GW**
Das M *see* **Gregg JR**
Davies DR *see* **Hughes SPF**
Davies JAK. Peroneal Compartment Syndrome Secondary to Rupture of the Peroneus Longus. A Case Report 783
Davies JAK, Hall FM, Goldberg RP and **Kasdon EJ.** Positive Bone Scan in a Bone Island. Case Report 943
Dawson EG and **Smith L.** Atlanto-Axial Subluxation in Children Due to Vertebral Anomalies 582
De Benedetti M, Waugh TR and **Evanski PM.** A Popliteal Cyst with a Large Osteochondral Mass. Case Report 147
DeBenedetti MJ and **Schwinn CP.** Tenosynovial Chondromatosis in the Hand. 898
DeLee JC. Avulsion Fracture of the Base of the Second Metacarpal by the Extensor Carpi Radialis Longus. A Case Report 445
DeLee JC. Intra-Osseous Lipoma of the Proximal Part of the Femur. Case Report 601
DeLee JC *see* **Clanton TO**
Demottaz JD, Mazur JM, Thomas WH, Sledge CB and **Simon SR.** Clinical Study of Total Ankle Replacement with Gait Analysis. A Preliminary Report. 976
Derkash RS and **Makley JT.** Isolated Tuberculosis of the Triceps Muscle. Case Report 948
DeRosa C *see* **Yuan HA**
DiStefano V *see* **Gregg JR**
Dobyns JH *see* **Cooney WP III**
Doi K, Tominaga S, Hono H, Ogoshi E and **Nakamura S.** Reconstruction of an Amputated Thumb in One Stage. Case Report — Free Neurovascular-Flap Transfer with Iliac-Bone Graft 1254
Donelson RG and **Tomaiuoli M.** Intra-Articular Dislocation of the Patella. A Case Report 615
Donovan MM *see* **Jackson RD**
Doppelt SH *see* **Bowers WH**
Dorr L *see* **Ranawat CS**
Dorr LD, Sakimura I and **Mohler JG.** Pulmonary Emboli following Total Hip Arthroplasty: Incidence Study 1083
Dowd GSE and **Johnson R.** Successful Conservative Treatment of a Fracture-Dislocation of the Femoral Head. A Case Report 1244
Drennan DB, Locher FG and **Maylahn DJ.** Fractures of the Tibial Plateau. Treatment by Closed Reduction and Spica Cast 989
Drinker H and **Murray WR.** The Universal Proximal Femoral Endoprosthesis. A Short-Term Comparison with Conventional Hemiarthroplasty 1167
Duncan JW, Nasca R and **Schrantz J.** Idiopathic Chondrolysis of the Hip 1024
Dunham WK and **Wilborn WH.** Malignant Fibrous Histiocytoma of Bone. Report of Two Cases and Review of the Literature 939
Dunn HK *see* **Bradley GW**
Dunstan JC *see* **Wang G-J**
Dürig M, Müller W, Rüedi TP and **Gauer EF.** The Operative Treatment of Elbow Dislocation in the Adult 239

E

Eaton RG. Replacement of the Trapezium for Arthritis of the Basal Articulations. A New Technique with Stabilization by Tenodesis 76
Ecker M *see* **Gregg JR**
Ecker ML, Lotke PA and **Glazer RM.** Late Reconstruction of the Patellar Tendon 884
Edwards TW *see* **Booth JE**
Edwards WS *see* **Neal J**
Ehrlich MG *see* **Ray RL**
Eitzen HE, Ritter MA, French MLV and **Gioe TJ.** A Microbiological In-Use Comparison of Surgical Hand-Washing Agents 403
Ellison AE. Distal Iliotibial-Band Transfer for Anterolateral Rotatory Instability of the Knee 330
Enis JE and **Ghandur-Mnaymneh L.** Cyst of the Lateral Meniscus Causing Erosion of the Tibial Plateau. A Case Report 441
Enis JE *see* **McCollough NC III**
Epstein HC *see* **Garrett JC**
Eriksson E and **Hovelius L.** Ender Nailing in Fractures of the Diaphysis of the Femur 1175
Evans KL *see* **Hargens AR**
Evanski PM *see* **De Benedetti M**

F

Fahmy NR *see* **Patel D**
Fajgenbaum DM *see* **Bowers WH**
Fambrough RA and **Green DP.** Tendon Rupture as a Complication of Screw Fixation in Fractures in the Hand. A Case Report 781
Fenlin JM *see* **Finnegan WJ**
Ferguson AB Jr., Brown TD, Fu FH and **Rutkowski R.** Relief of Patellofemoral Contact Stress by Anterior Displacement of the Tibial Tubercle 159
Fery A *see* **Trias A**
Fetto JF and **Marshall JL.** Injury to the Anterior Cruciate Ligament Producing the Pivot-Shift Sign. An Experimental Study on Cadaver Specimens 710
Fielding JW, Pyle RN Jr. and **Fietti VG Jr.** Anterior Cervical Vertebral Body Resection and Bone-Grafting for Benign and Malignant Tumors. A Survey under the Auspices of the Cervical Spine Research Society 251
Fietti VG Jr. *see* **Fielding JW**
Finerman GAM *see* **Urist MR**
Finerman GM *see* **Markolf KL**
Finnegan WJ, Fenlin JM, Marvel JP, Nardini RJ and **Rothman RH.** Results of Surgical Intervention in the Symptomatic Multiply-Operated Back Patient. Analysis of Sixty-seven Cases followed for Three to Seven Years ... 1077
Fitzgerald RH Jr. *see* **Brodersen MP**

PAGE

Flatt AE *see* **Moses JM**
Fleming RE Jr., Michelsen CB and **Stinchfield FE.** Sciatic Paralysis. A Complication of Bleeding following Hip Surgery 37
Flynn JC and **Hoque MA.** Anterior Fusion of the Lumbar Spine. End-Result Study with Long-Term Follow-up 1143
Fossier C *see* **Huang TL**
Foster J *see* **Zvetina JR**
Fountain SS. A Single-Stage Combined Surgical Approach for Vertebral Resections 1011
Frazier CH *see* **Gelman ML**
Fredin H *see* **Hovelius L**
French MLV *see* **Eitzen HE**
Friedman B *see* **Benchetrit E**
Fu FH *see* **Ferguson AB Jr.**

G

Gardner DL *see* **Armstrong CG**
Garland DE *see* **Waters RL**
Garrett JC, Epstein HC, Harris WH, Harvey JP Jr. and **Nickel VL.** Treatment of Unreduced Traumatic Posterior Dislocations of the Hip 2
Gartland JJ. Guidelines for Tomorrow. First Vice-Presidential Address to The American Academy of Orthopaedic Surgeons 467
Garza OT *see* **Neal J**
Gauer EF *see* **Dürig M**
Gebhardt MC and **Rosenthal RK.** Brief Note. Bilateral Lateral Discoid Meniscus in Identical Twins 1110
Geho WB *see* **Rogers JG**
Gelberman RH, Vance RM and **Zakaib GS.** Fractures at the Base of the Thumb: Treatment with Oblique Traction 260
Gelman ML, Frazier CH and **Chandler HP.** Acute Renal Failure after Total Hip Replacement 657
Genant HK *see* **Van Dalsem VF**
Gertzbein SD and **Offierski C.** Complete Fracture-Dislocation of the Thoracic Spine without Spinal Cord Injury. A Case Report 449
Ghandur-Mnaymneh L *see* **Enis JE**
Ghosh L *see* **Huang TL**
Gillespie R *see* **Taylor TC**
Gillies H and **Seligson D.** Precision in the Diagnosis of Meniscal Lesions: A Comparison of Clinical Evaluation, Arthrography, and Arthroscopy 343
Gilula LA *see* **Zoltan JD**
Gioe TJ *see* **Eitzen HE**
Gitel SN, Salvati EA, Wessler S, Robinson HJ Jr., and **Worth MH Jr.** The Effect of Total Hip Replacement and General Surgery on Antithrombin III in Relation to Venous Thrombosis 653
Glancy GL *see* **Norwood LA Jr.**
Glazer RM *see* **Ecker ML**
Glimcher MJ *see* **Sakamoto M**
Glimcher MJ *see* **Shapiro F**
Goldberg RP *see* **Davies JAK**
Goldflies ML *see* **Pankovich AM**
Goldsand EM *see* **Ogata K**
Goldstein MN *see* **Harris CM**
Goodship AE, Lanyon LE and **McFie H.** Functional Adaptation of Bone to Increased Stress. An Experimental Study 539
Gozna ER and **Harris WR.** Traumatic Winging of the Scapula 1230
Graham JD *see* **Waddell G**
Grana WA and **Kopta JA.** The Roger Anderson Device in the Treatment of Fractures of the Distal End of the Radius 1234
Grant TT *see* **Urist MR**
Graviss ER *see* **Silberstein MJ**
Green DP and **McCoy H.** Turnbuckle Orthotic Correction of Elbow-Flexion Contractures after Acute Injuries 1092
Green DP *see* **Fambrough RA**
Green I *see* **Weintroub S**
Green WT and **Mital MA.** Congenital Radio-Ulnar Synostosis: Surgical Treatment 738
Gregg EC *see* **Nash CL Jr.**
Gregg JR, Labosky D, Harty M, Lotke P, Ecker M, DiStefano V and **Das M.** Serratus Anterior Paralysis in the Young Athlete 825
Guise ER *see* **Wu KK**
Gurtler RA *see* **Reckling FW**
Gustilo RB *see* **Arafiles RP**
Gustilo RB *see* **Kyle RF**

H

Habig T *see* **Waters RL**
Hagy JL *see* **Mann RA**
Hall FM *see* **Davies JAK**
Hall H *see* **Waddell G**
Hall JE *see* **Holmes JC**
Hall JE *see* **Millis MB**
Hamel AL *see* **Crandall RC**
Hang Y-S. Contracture of the Hip Secondary to Fibrosis of the Gluteus Maximus Muscle 52
Hansen N and **Tolo V.** Wound Botulism Complicating an Open Fracture. A Case Report and Review of the Literature 312
Hanson C *see* **Blair W**
Hardy AE. Pressure Recordings in Patients with Femoral Fractures in Cast-Braces and Suggestions for Treatment 365
Hardy AE and **Baddeley S.** Pressures Generated in the Thigh Muscles and under the Thigh Cast of an Uninjured Subject Wearing a Cast Brace 362
Hargens AR, Romine JS, Sipe JC, Evans KL, Mubarak SJ and **Akeson WH.** Peripheral Nerve-Conduction Block by High Muscle-Compartment Pressure 192
Harrington KD. Degenerative Arthritis of the Ankle Secondary to Long-Standing Lateral Ligament Instability 534
Harris CM, Tanner E, Goldstein MN and **Pettee DS.** The Surgical Treat-

PAGE

ment of the Carpal-Tunnel Syndrome Correlated with Preoperative Nerve-Conduction Studies 93
Harris WH, Bourne RB and **Oh I.** Intra-Articular Acetabular Labrum. A Possible Etiological Factor in Certain Cases of Osteoarthritis of the Hip 510
Harris WH *see* **Garrett JC**
Harris WH *see* **Patel D**
Harris WR *see* **Gozna ER**
Harrison K *see* **Torstrick RF**
Hartwig RH and **Louis DS.** Multiple Carpometacarpal Dislocations. A Review of Four Cases 906
Harty M *see* **Gregg JR**
Harvey JP Jr. *see* **Garrett JC**
Harvey JP Jr. *see* **Moore TM**
Harvey JP Jr. *see* **Odenheimer K**
Harvey S and **Tchélébi H.** Proximal Radio-Ulnar Translocation. A Case Report 447
Hecht O *see* **Kessler I**
Heckman JD *see* **Torstrick RF**
Heiple KG, Brooks DB, Samson BL and **Burstein AH.** A Fluted Intramedullary Rod for Subtrochanteric Fractures. Biomechanical Considerations and Preliminary Clinical Results 730
Hermann G *see* **Berson BL**
Hill JA *see* **Compere CL**
Hirano H *see* **Urist MR**
Hirohata K *see* **Mizuno K**
Hirose FM *see* **Kahanovitz N**
Hollinshead R and **James KW.** Scapulothoracic Dislocation (Locked Scapula). A Case Report 1102
Holmes JC, Skolnick MD and **Hall JE.** Untreated Median-Nerve Entrapment in Bone after Fracture of the Distal End of the Humerus: Postmortem Findings after Forty-seven Years. Report of a Case 309
Hono H *see* **Doi K**
Hooper G and **McMaster MJ.** Neurofibromatosis with Tibial Cyst Caused by Recurrent Hemorrhage. A Case Report 274
Hooper G and **McMaster MJ.** Recurrent Bilateral Mid-Tarsal Subluxations. A Case Report 617
Hoque MA *see* **Flynn JC**
Hovelius L, Thorling J and **Fredin H.** Recurrent Anterior Dislocation of the Shoulder. Results after the Bankart and Putti-Platt Operations 566
Hovelius L *see* **Eriksson E**
Hruska JF *see* **Manzella JP**
Hsu JD. Brachial Plexus Injury following Barbiturate Overdose. Report of Three Cases with Five-Year Follow-up 1252
Huang TL, Fossier C, Ray DR and **Ghosh L.** Intra-Articular Rheumatoid Nodule of the Knee Joint Associated with Recurrent Subluxation of the Patella. A Case Report 438
Hughes EC Jr. *see* **Lasda NA**
Hughes PW *see* **Wright TM**
Hughes SPF, Lemon GJ, Davies DR, Bassingthwaighte JB and **Kelly PJ.** Extraction of Minerals after Experimental Fractures of the Tibia in Dogs .. 857
Hui FC *see* **Morrey BF**

I

Insall J, Scott WN and **Ranawat CS.** The Total Condylar Knee Prosthesis. A Report of Two Hundred and Twenty Cases 173

J

Jablon M, Sutker A and **Post M.** Irreducible Fracture of the Middle Third of the Clavicle. Report of a Case 296
Jackson DR and **Lyne ED.** Infantile Cortical Hyperostosis. Case Report 770
Jackson RD, Padgett TS and **Donovan MM.** Posterior Iliopsoas Muscle Transfer in Myelodysplasia 40
Jacobs B *see* **Salvati EA**
Jacobson JA *see* **Booth JE**
James HE, McLaurin RL and **Watkins WT.** Remission of Pes Cavus in Surgically Treated Spinal Dysraphism. Report of a Case 1096
James KW *see* **Hollinshead R**
Janecki CJ and **Barnett DC.** Fracture-Dislocation of the Shoulder with Biceps Tendon Interposition. Case Report 142
Jardon OM, Wingard DW, Barak AJ and **Connolly JF.** Malignant Hyperthermia. A Potentially Fatal Syndrome in Orthopaedic Patients 1064
Jobe FW *see* **Yocum LA**
Johanson PH *see* **Kahanovitz N**
Johnson JE *see* **Torstrick RF**
Johnson KA *see* **Landon GC**
Johnson R *see* **Dowd GSE**
Johnson RJ *see* **Pope MH**
Johnson RP *see* **Trader JE**
Johnston RC, Brand RA and **Crowninshield RD.** Reconstruction of the Hip. A Mathematical Approach to Determine Optimum Geometric Relationships 659
Jones JM. Revisional Total Hip Replacement for Failed Ring Arthroplasty ... 1029

K

Kaden DA *see* **Poss R**
Kahanovitz N, Johanson PH and **Hirose FM.** Ewing's Sarcoma Presenting with a Coexistent Bacterial Organism. A Case Report. 604
Kalamchi A *see* **Yong-Hing K**
Kalbfleisch JH *see* **Trader JE**
Kappas A *see* **Pournaras J**
Kasdon EJ *see* **Davies JAK**
Kashiwagi D *see* **Mizuno K**
Keagy RD *see* **Wu Y**
Kelly EG *see* **Stauffer ES**
Kelly PJ *see* **Hughes SPF**
Kelly PJ *see* **Sorensen WG**

PAGE

Kelsey JL, White AA III, Pastides H and **Bisbee GE Jr.** The Impact of Musculoskeletal Disorders on the Population of the United States 959
Kempken TG *see* **Zuege RC**
Kenmore PI *see* **Reing CM**
Kerlan RK *see* **Yocum LA**
Kerr DM *see* **Lichtman DM**
Kessler I. A Simplified Technique to Correct Hyperextension Deformity of the Metacarpophalangeal Joint of the Thumb 903
Kessler I, Hecht O and **Baruch A.** Distraction-Lengthening of Digital Rays in the Management of the Injured Hand 83
Khermosh O *see* **Svirsky-Fein S**
King D *see* **Tse D**
Kinnett JG and **Root L.** An Obscure Cause of Coccygodynia. Case Report 299
Klaaren HE *see* **Roose PE**
Kopta JA *see* **Grana WA**
Krick HJ *see* **Wu Y**
Kummel EG *see* **Waddell G**
Kurrus TA *see* **Booth JE**
Kyle RF, Gustilo RB and **Premer RF.** Analysis of Six Hundred and Twenty-two Intertrochanteric Hip Fractures. A Retrospective and Prospective Study. 216

L

Labosky D *see* **Gregg JR**
Landon GC, Johnson KA and **Dahlin DC.** Subungual Exostoses 256
Lange DR. The Mechanical Bonding of Methylmethacrylate to Cancellous Bone. Effect of a Hemostatic Agent 254
Langer L *see* **Svirsky-Fein S**
Lanyon LE and **Bourn S.** The Influence of Mechanical Function on the Development and Remodeling of the Tibia. An Experimental Study in Sheep 263
Lanyon LE *see* **Goodship AE**
Larsson K *see* **van der Linden W**
Lasda NA and **Hughes EC Jr.** Adamantinoma of the Ischium. Case Report .. 599
Lemon GJ *see* **Hughes SPF**
Letts RM and **Sweitzer R.** A Teaching Model for Instruction in the Manipulation of Infant Foot Deformities 791
Levine AM and **Chretien P.** Deep Venous Occlusion as the Initial Presentation of Osteogenic Sarcoma of the Sacrum. A Case Report 775
Lewinnek GE *see* **Compere CL**
Lian EC-Y *see* **McCollough NC III**
Lichtman DM, Swafford AW and **Kerr DM.** Calcified Abscess in the Ulnar Nerve in a Patient with Leprosy. A Case Report 620
Liddell D *see* **Mann RA**
Lindholm TS *see* **Urist MR**
Lindseth RE and **Stelzer L Jr.** Vertebral Excision for Kyphosis in Children with Myelomeningocele 699
Lindstrom JR, Ponseti IV and **Wenger DR.** Acetabular Development after Reduction in Congenital Dislocation of the Hip 112
Linscheid RL *see* **Cooney WP III**
Lipton DE *see* **Patel MR**
Locher FG *see* **Drennan DB**
Lombardo SJ *see* **Yocum LA**
Lonstein JE *see* **Cummine JL**
Lonstein JE *see* **Winter RB**
Lotke P *see* **Gregg JR**
Lotke PA *see* **Ecker ML**
Lotto WN *see* **Waddell G**
Loughlin EC Jr. *see* **McCollough NC III**
Louis DS *see* **Hartwig RH**
Lovitt J *see* **McCollough NC III**
Lyne ED *see* **Jackson DR**

M

McCollough NC III, Enis JE, Lovitt J, Lian EC-Y, Niemann KNW and **Loughlin EC Jr.** Synovectomy or Total Replacement of the Knee in Hemophilia 69
McCoy H *see* **Green DP**
McCue FC III *see* **Baugher WH**
McCulloch JA *see* **Waddell G**
MacEwen GD *see* **Yong-Hing K**
McFie H *see* **Goodship AE**
McKenna GB *see* **Bradley GW**
McLaughlin RE, Wang G-J, Ritchie WP Jr. and **Sweet DE.** Protracted Survival in Chondrosarcoma Despite an Unusual Metastasis that Regressed Spontaneously 137
McLaurin RL *see* **James HE**
McMaster JH *see* **Rutkowski R**
McMaster MJ *see* **Hooper G**
Machleder HI *see* **Matos MH**
Makley JT *see* **Derkash RS**
Mani VJ *see* **Crowe JF**
Mann RA, Hagy JL, White V and **Liddell D.** The Initiation of Gait 232
Manoli A II. Medial Displacement of the Shaft of the Radius with a Fracture of the Radial Neck. Report of a Case 788
Mantz FA *see* **Reckling FW**
Manugian AH *see* **Canale ST**
Manzella JP, Vanvoris LP and **Hruska JF.** Isolated Calcaneal Tuberculous Osteomyelitis. A Case Report 946
Marchisello P *see* **Ranawat CS**
Margaria R *see* **Veicsteinas A**
Markolf KL, Finerman GM and **Amstutz HC.** *In Vitro* Measurements of Knee Stability after Bicondylar Replacement 547
Marmor L. Marmor Modular Knee in Unicompartmental Disease. Minimum Four-Year Follow-up 347
Marshall JL *see* **Arnoczky SP**
Marshall JL *see* **Fetto JF**
Marshall JL *see* **Warren LF**

PAGE

Marvel JP *see* **Finnegan WJ**
Matos MH, Amstutz HC and **Machleder HI.** Ischemia of the Lower Extremity after Total Hip Replacement. Report of Four Cases 24
Mayer PJ and **Micheli LJ.** Avulsion of the Femoral Attachment of the Posterior Cruciate Ligament in an Eleven-Year-Old Boy. Case Report 431
Maylahn DJ *see* **Drennan DB**
Mazur JM, Schwartz E and **Simon SR.** Ankle Arthrodesis. Long-Term Follow-up with Gait Analysis 964
Mazur JM *see* **Demottaz JD**
Meals RA. Overgrowth of the Femur following Fractures in Children: Influence of Handedness 381
Meisterling RC *see* **Norwood LA Jr.**
Meyers MH *see* **Moore TM**
Micheli LJ *see* **Mayer PJ**
Michels H *see* **Wientroub S**
Michelsen CB *see* **Fleming RE Jr.**
Milbauer B *see* **Svirsky-Fein S**
Miller EH *see* **Sammarco GJ**
Miller F and **Wenger DR.** Femoral Neck Stress Fracture in a Hyperactive Child. A Case Report 435
Miller WA. Plantar Neuroma Visualization with a Laminar Spreader 1258
Millis MB and **Hall JE.** Transiliac Lengthening of the Lower Extremity. A Modified Innominate Osteotomy for the Treatment of Postural Imbalance . 1182
Mirra JM *see* **Urist MR**
Miskew DB, Block RA and **Witt PF.** Aspiration of Infected Sacro-Iliac Joints. 1071
Mital MA. Lengthening of the Elbow Flexors in Cerebral Palsy 515
Mital MA *see* **Green WT**
Mital MA *see* **Ruby L**
Mitchell DC *see* **Wu KK**
Mizuno K, Hirohata K and **Kashiwagi D.** Fracture-Separation of the Distal Humeral Epiphysis in Young Children 570
Mnaymneh W, Brown M, Tejada F and **Morrison G.** Primary Osteogenic Sarcoma of the Second Cervical Vertebra. Case Report 460
Mochizuki RM and **Schurman DJ.** Patellar Complications following Total Knee Arthroplasty 879
Moe JH *see* **Boxall D**
Moe JH *see* **Cummine JL**
Moe JH *see* **Winter RB**
Moellering RC Jr. *see* **Patel D**
Mohler JG *see* **Dorr LD**
Moore TM, Meyers MH, Patzakis MJ, Terry R and **Harvey JP Jr.** Closed Biopsy of Musculoskeletal Lesions 375
Morrey BF, Chao EY and **Hui FC.** Biomechanical Study of the Elbow following Excision of the Radial Head 63
Morris JM *see* **Coughlin MJ**
Morrison G *see* **Mnaymneh W**
Morrissy RT. Acetabular Cyst in a Child. A Case Report 609
Moses JM, Flatt AE and **Cooper RR.** Annular Constricting Bands 562
Mubarak SJ *see* **Hargens AR**
Müller W *see* **Dürig M**
Murphy WA *see* **Zoltan JD**
Murray WR *see* **Drinker H**

N

Naidu R *see* **Parlett RC**
Nakamura S *see* **Doi K**
Nardini RJ *see* **Finnegan WJ**
Nasca R *see* **Duncan JW**
Nash CL Jr. Acute Cervical Soft-Tissue Injury and Late Deformity. A Case Report 505
Nash CL Jr., Gregg EC, Brown RH and **Pillai K.** Risks of Exposure to X-Rays in Patients Undergoing Long-Term Treatment for Scoliosis 371
Neal J, Wachtel TL, Garza OT and **Edwards WS.** Later Arterial Embolization Complicating Total Hip Replacement. A Case Report 429
Nebel E *see* **Beall MS Jr.**
Neidre A *see* **Clanton TO**
Newton TH *see* **Van Dalsem VF**
Nickel VL *see* **Garrett JC**
Niemann KNW *see* **McCollough NC III**
Nirschl RP and **Pettrone FA.** Tennis Elbow. The Surgical Treatment of Lateral Epicondylitis 832
Norwood LA Jr., Andrews JR, Meisterling RC and **Glancy GL.** Acute Anterolateral Rotatory Instability of the Knee 704

O

O'Connor J *see* **Ruby L**
Odenheimer K and **Harvey JP Jr.** Internal Fixation of Fracture of the Head of the Radius. Two Case Reports 785
Oegema TR Jr. *see* **Thompson RC Jr.**
Offierski C *see* **Gertzbein SD**
Ogata K and **Goldsand EM.** A Simple Biplanar Method of Measuring Femoral Anteversion and Neck-Shaft Angle 846
Ogoshi E *see* **Doi K**
Oh I *see* **Harris WH**
O'Leary P *see* **Ranawat CS**
Olerud S. Reconstruction of a Fractured Femur following Total Hip Replacement. Report of a Case 937
Otter TA *see* **Stark HH**

P

Padgett TS *see* **Jackson RD**
Pankovich AM, Goldflies ML and **Pearson RL.** Closed Ender Nailing of Femoral-Shaft Fractures 222
Pankratz DG *see* **Roberts JB**
Parlett RC and **Naidu R.** Serial Serum Protein Determinations in Scoliotic Children Treated by Spine Fusion and Autotransfusion 105

PAGE

Pastides H *see* **Kelsey JL**
Patel D, Moellering RC Jr., Thrasher K, Fahmy NR and **Harris WH.** The Effect of Hypotensive Anesthesia on Cephalothin Concentrations in Bone and Muscle of Patients Undergoing Total Hip Replacement 531
Patel MR, Silver JW, Lipton DE and **Pearlman HS.** Lipofibroma of the Median Nerve in the Palm and Digits of the Hand 389
Patel U *see* **Ruby L**
Patzakis MJ *see* **Moore TM**
Pearlman HS *see* **Patel MR**
Pearson RL *see* **Pankovich AM**
Pedras CV *see* **Winter RB**
Peinado A. Distal Radial Epiphyseal Displacement after Impaired Distal Ulnar Growth. An Experimental Study in Rabbits 88
Pellicci P *see* **Ranawat CS**
Pellicci PM and **Wilson PD Jr.** Chondrolysis of the Hips Associated with Severe Burns. A Case Report 592
Pellicci PM, Salvati EA and **Robinson HJ.** Mechanical Failures in Total Hip Replacement Requiring Reoperation 28
Perry J *see* **Waters RL**
Peterson HA *see* **Burkhart SS**
Peterson LFA *see* **Brodersen MP**
Pettee DS *see* **Harris CM**
Pettrone FA *see* **Nirschl RP**
Pillai K *see* **Nash CL Jr.**
Ponseti IV *see* **Lindstrom JR**
Ponseti IV *see* **Weinstein SL**
Pope MH, Johnson RJ, Brown DW and **Tighe C.** The Role of the Musculature in Injuries to the Medial Collateral Ligament 398
Poss R, Thilly WG and **Kaden DA.** Methylmethacrylate is a Mutagen for *Salmonella typhimurium.* 1203
Post M *see* **Jablon M**
Pournaras J and **Kappas A.** Volar Perilunar Dislocation. A Case Report 625
Pozzolini M *see* **Veicsteinas A**
Premer RF *see* **Kyle RF**
Prietto CA. Supracondylar Fractures of the Humerus. A Comparative Study of Dunlop's Traction versus Percutaneous Pinning 425
Pyle RN Jr. *see* **Fielding JW**

Q

Quigley JT. A Glomus Tumor of the Heel Pad. A Case Report 443

R

Ranawat CS, O'Leary P, Pellicci P, Tsairis P, Marchisello P and **Dorr L.** Cervical Spine Fusion in Rheumatoid Arthritis 1003
Ranawat CS *see* **Crowe JF**
Ranawat CS *see* **Insall J**
Rao BR. Supernumerary Toe Arising from the Medial Cuneiform. A Case Report 308
Ray RD *see* **Huang TL**
Ray RL and **Ehrlich MG.** Lateral Hamstring Transfer and Gait Improvement in the Cerebral Palsy Patient 719
Raynor AC, Vargas-Cortes, F, Alexander RW and **Bingham HG.** Clear-Cell Sarcoma with Melanin Pigment: A Possible Soft-Tissue Variant of Malignant Melanoma. Case Report 276
Reckling FW, Gurtler RA and **Mantz FA.** Recurrent Giant-Cell Tumor of Bone in a Thirteen-Year-Old Girl. A Case Report 281
Reing CM, Richin PF and **Kenmore PI.** Differential Bone-Scanning in the Evaluation of a Painful Total Joint Replacement 933
Resnick P *see* **Rutkowski R**
Reyes CV *see* **Zvetina JR**
Rice T *see* **Daniel D**
Richin PF *see* **Reing CM**
Rickard TA *see* **Stark HH**
Ritchie WP Jr. *see* **McLaughlin RE**
Ritter MA *see* **Eitzen HE**
Ritts RE Jr. Editorial. Mutagenesis versus Carcinogenesis of Plastic Implants . 1201
Roberts JB and **Pankratz DG.** The Surgical Treatment of Heterotopic Ossification at the Elbow following Long-Term Coma 760
Robinson HJ *see* **Pellicci PM**
Robinson HJ Jr. *see* **Gitel SN**
Rogers JG and **Geho WB.** Fibrodysplasia Ossificans Progressiva. A Survey of Forty-two Cases 909
Romine JS *see* **Hargens AR**
Rooholamini SA *see* **Shahriaree H**
Roose PE, Chingren GL, Klaaren HE and **Broock G.** Open Reduction for Congenital Dislocation of the Hip Using the Ferguson Procedure. A Review of Twenty-six Cases 915
Root L *see* **Kinnett JG**
Rosenthal RK *see* **Gebhardt MC**
Rostron PKM and **Calver RF.** Subcutaneous Atrophy following Methylprednisolone Injection in Osgood-Schlatter Epiphysitis 627
Rothacker GW Jr. *see* **Coventry MB**
Rothman RH *see* **Finnegan WJ**
Rubin RM *see* **Arnoczky SP**
Rubinstein E *see* **Svirsky-Fein S**
Ruby L, Mital MA, O'Connor J and **Patel U.** Anteversion of the Femoral Neck. Comparison of Methods of Measurement in Patients 46
Rüedi TP *see* **Dürig M**
Rutkowski R, Resnick P and **McMaster JH.** Osteosarcoma Occurring in Osteogenesis Imperfecta. A Case Report 606
Rutkowski R *see* **Ferguson AB Jr.**

S

Sahlstrand T. Disruption of the Pelvic Ring Treated by External Skeletal Fixation. A Case Report 433
Sajadi K *see* **Shahriaree H**

PAGE

Sakamoto M, Sakamoto S, Brickley-Parsons D and **Glimcher MJ.** Collagen Synthesis and Degradation in Embryonic Chick-Bone Explants 1042
Sakamoto S *see* **Sakamoto M**
Sakimura I *see* **Dorr LD**
Salama R *see* **Wientroub S**
Salvati EA, Wright TM, Burstein AH and **Jacobs B.** Fracture of Polyethylene Acetabular Cups. Report of Two Cases 1239
Salvati EA *see* **Gitel SN**
Salvati EA *see* **Pellicci PM**
Sammarco GJ and **Miller EH.** Partial Rupture of the Flexor Hallucis Longus Tendon in Classical Ballet Dancers. Two Case Reports 149
Samson BL *see* **Heiple KG**
Samuelson KM *see* **Bradley GW**
Sanders B *see* **Clanton TO**
Schildhaus AIE *see* **Termanini ZA**
Schrantz J *see* **Duncan JW**
Schurman DJ *see* **Mochizuki RM**
Schwartz E *see* **Mazur JM**
Schwinn CP *see* **DeBenedetti MJ**
Scott WN *see* **Insall J**
Seligson D *see* **Gillies H**
Shahriaree H, Sajadi K and **Rooholamini SA.** A Family with Spondylolisthesis 1256
Shahriaree H, Sajadi K, Silver CM and **Sheikholeslamzadeh S.** Excisional Arthroplasty of the Elbow 922
Shahriaree H *see* **Ahmadi B**
Shapiro F and **Glimcher MJ.** Gross and Histological Abnormalities of the Talus in Congenital Club Foot 522
Shapiro F, Simon S and **Glimcher MJ.** Hereditary Multiple Exostoses. Anthropometric, Roentgenographic, and Clinical Aspects 815
Sheikholeslamzadeh S *see* **Shahriaree H**
Shelton WR and **Canale ST.** Fractures of the Tibia through the Proximal Tibial Epiphyseal Cartilage 167
Shields CL Jr. *see* **Yocum LA**
Shile R *see* **Wientroub S**
Shives TC *see* **Bradley GW**
Siegel IM *see* **Barmada R**
Silberstein MJ, Brodeur AE and **Graviss ER.** Some Vagaries of the Capitellum 244
Silver CM *see* **Ahmadi B**
Silver CM *see* **Shahriaree H**
Silver JW *see* **Patel MR**
Sim FH and **Chao EYS.** Prosthetic Replacement of the Knee and a Large Segment of the Femur or Tibia 887
Sim FH, Unni KK, Beabout JW and **Dahlin DC.** Osteosarcoma with Small Cells Simulating Ewing's Tumor 207
Simon S *see* **Shapiro F**
Simon SR *see* **Demottaz JD**
Simon SR *see* **Mazur JM**
Sipe JC *see* **Hargens AR**
Skolnick MD *see* **Holmes JC**
Slabaugh P *see* **Waters RL**
Slabaugh PB *see* **Coughlin MJ**
Sledge CB *see* **Demottaz JD**
Smith L *see* **Dawson EG**
Smith RK *see* **Amstutz HC**
Smith TK *see* **Coughlin MJ**
Sorensen WG, Bloom JD and **Kelly PJ.** The Effects of Intramedullary Methylmethacrylate and Reaming on the Circulation of the Tibia after Osteotomy and Plate Fixation in Dogs 417
Srinivasan H. Movement Patterns of Interosseus-Minus Fingers 557
Srinivasan H. Clinical Features of Paralytic Claw Fingers 1060
Srivastava TP *see* **Varma BP**
Stamp WG *see* **Wang G-J**
Stark HH, Otter TA, Boyes JH and **Rickard TA.** "Atavistic Contrahentes Digitorum" and Associated Muscle Abnormalities of the Hand: A Cause of Symptoms. Report of Three Cases 286
Statton WO *see* **Bradley GW**
Stauffer ES, Wood RW and **Kelly EG.** Gunshot Wounds of the Spine: The Effects of Laminectomy 389
Steinberg GG. Osteomyelitis of the Rib Presenting as Painful Torticollis. Case Report 614
Stelzer L Jr. *see* **Linaseth RE**
Stephen J *see* **Taylor TC**
Stern PJ and **Watts HG.** Osteonecrosis after Renal Transplantation in Children 851
Stinchfield FE *see* **Fleming RE Jr.**
Stirnaman JE *see* **Abraham E**
Stratigos JS *see* **Wu Y**
Sutker A *see* **Jablon M**
Svirsky-Fein S, Langer L, Milbauer B, Khermosh O and **Rubinstein E.** Neonatal Ostomyelitis Caused by *Candida tropicalis*. Report of Two Cases and Review of the Literature 455
Swafford AW *see* **Lichtman DM**
Sweet DE *see* **McLaughlin RE**
Sweitzer R *see* **Letts RM**

T

Tanner E *see* **Harris CM**
Taylor TC, Wenger DR, Stephen J, Gillespie R and **Bobechko WP.** Surgical Management of Thoracic Kyphosis in Adolescents 496
Tchélébi H *see* **Harvey S**
Tejada F *see* **Mnaymneh W**
Terdiman R *see* **Weintroub S**
Termanini ZA and **Schildhaus AIE.** A Simplified Method for the Removal of Screws with Damaged Heads 631
Terry R *see* **Moore TM**
Thilly WG *see* **Poss R**
Thomas WH *see* **Demottaz JD**
Thompson RC Jr. and **Oegema TR Jr.** Metabolic Activity of Articular Cartilage in Osteoarthritis. An *in Vitro* Study 407
Thompson RG *see* **Compere CL**
Thorling J *see* **Hovelius L**
Thrasher K *see* **Patel D**
Tighe C *see* **Pope MH**
Tolo V *see* **Hansen N**
Tomaiuoli M *see* **Donelson RG**
Tominaga S *see* **Doi K**
Torstrick RF, Harrison K, Heckman JD and **Johnson JE.** Chronic Bursitis Caused by *Phialophora richardsiae*. A Case Report 772
Torzilli PA *see* **Wright TM**
Trader JE, Johnson RP and **Kalbfleisch JH.** Bone-Mineral Content, Surface Hardness, and Mechanical Fixation in the Human Radius. A Correlative Study 1217
Trias A and **Fery A.** Cortical Circulation of Long Bones 1052
Tsairis P *see* **Ranawat CS**
Tse D, Branick R, Beatie J and **King D.** Turn-Up Osteoplasty for Tibial Defect from Osteomyelitis. A Case Report 764
Tucker RE, Winter WG Jr. and **Wilson HD.** Osteomyelitis Associated with *Chromobacterium violaceum* Sepsis. A Case Report 949
Turco VJ. Resistant Congenital Club Foot — One-Stage Posteromedial Release with Internal Fixation. A Follow-up Report of a Fifteen-Year Experience .. 805

U

Unni KK *see* **Sim FH**
Urist MR, Grant TT, Lindholm TS, Mirra JM, Hirano H and **Finerman GAM.** Induction of New-Bone Formation in the Host Bed by Human Bone-Tumor Transplants in Athymic Nude Mice 1207

V

Van Dalsem VF, Genant HK and **Newton TH.** Progressive Diaphyseal Dysplasia. Report of a Case with Thirty-four Years of Progressive Disease .. 596
van der Linden W and **Larsson K.** Plate Fixation versus Conservative Treatment of Tibial Shaft Fractures. A Randomized Trial 873
Vance RM *see* **Gelberman RH**
Vanvoris LP *see* **Manzella JP**
Vargas-Cortes F *see* **Raynor AC**
Varma BP and **Srivastava TP.** Successful Regeneration of Large Extruded Diaphyseal Segments of the Radius. Report of Two Cases 290
Veicsteinas A, Aghemo P, Margaria R, Cova P and **Pozzolini M.** Energy Cost of Walking with Lesions of the Foot 1073
Volz RG. Brief Note. A Method of Skeletal Traction to Protect a Reattached Patellar Tendon following Total Knee Replacement 1109

W

Wachtel TL *see* **Neal J**
Waddell G, Kummel EG, Lotto WN, Graham JD, Hall H and **McCulloch JA.** Failed Lumbar Disc Surgery and Repeat Surgery following Industrial Injuries 201
Wall JJ. Compartment Syndrome as a Complication of the Hauser Procedure.. 185
Wang G-J, Dunstan JC and **Stamp WG.** Unusual Recurrence of Enchondroma. A Case Report 452
Wang G-J *see* **McLaughlin RE**
Warren LF and **Marshall JL.** The Supporting Structures and Layers on the Medial Side of the Knee. An Anatomical Analysis 56
Waters RL, Garland DE, Perry J, Habig T and **Slabaugh P.** Stiff-Legged Gait in Hemiplegia: Surgical Correction 927
Watkins WT *see* **James HE**
Watts HG *see* **Stern PJ**
Waugh TR *see* **De Benedetti M**
Weber AH *see* **Winter RB**
Weiland AJ and **Daniel RK.** Microvascular Anastomoses for Bone Grafts in the Treatment of Massive Defects in Bone 98
Weinstein SL and **Ponseti IV.** Congenital Dislocation of the Hip. Open Reduction Through a Medial Approach 119
Weintroub S, Green I, Terdiman R and **Weissman SL.** Growth and Development of Congenitally Dislocated Hips Reduced in Early Infancy 125
Weissman SL *see* **Weintroub S**
Wenger DR *see* **Lindstrom JR**
Wenger DR *see* **Miller F**
Wenger DR *see* **Taylor TC**
Wessler S *see* **Gitel SN**
West WF *see* **Coughlin MJ**
Westin GW *see* **Cabaud HE**
White AA III *see* **Kelsey JL**
White V *see* **Mann RA**
Wientroub S, Michels H, Baratz M, Shile R and **Salama R.** Ewing's Tumor of the Cuboid Bone Simulating Avascular Necrosis. Report of a Case 951
Wilborn WH *see* **Dunham WK**
Wilson HD *see* **Tucker RE**
Wilson PD Jr. *see* **Pellicci PM**
Wilson PD Jr. *see* **Wright TM**
Wingard DW *see* **Jardon OM**
Winter RB, Moe JH, Bradford DS, Lonstein JE, Pedras CV and **Weber AH.** Spine Deformity in Neurofibromatosis. A Review of One Hundred and Two Patients 677
Winter RB *see* **Boxall D**
Winter RB *see* **Cummine JL**
Winter WG *see* **Tucker RE**
Witt PF *see* **Miskew DB**
Wood RW *see* **Stauffer ES**
Worth MH Jr. *see* **Gitel SN**
Wright TM, Hughes PW, Torzilli PA and **Wilson PD Jr.** A Method for the Postmortem Evaluation of an *in Situ* Total Hip Replacement 661

PAGE

Wright TM *see* **Salvati EA**
Wu KK, Mitchell DC and **Guise ER.** Chordoma of the Atlas. A Case Report . 140
Wu Y, Keagy RD, Krick HJ, Stratigos JS and **Betts HB.** An Innovative Removable Rigid Dressing Technique for Below-the-Knee Amputation. A Preliminary Report 724

Y

Yocum LA, Kerlan RK, Jobe FW, Carter VS, Shields CL Jr., Lombardo SJ and **Collins HR.** Isolated Lateral Meniscectomy. A Study of Twenty-six Patients with Isolated Tears 338
Yong-Hing K, Kalamchi A and **MacEwen GD.** Cervical Spine Abnormalities in Neurofibromatosis 695

PAGE

Yuan HA, Cady RB and **DeRosa C.** Osteochondritis Dissecans of the Talus Associated with Subchondral Cysts. Report of Three Cases 1249
Yunis E *see* **Bender BL**

Z

Zakaib GS *see* **Gelberman RH**
Zoellner G and **Clancy W Jr.** Recurrent Dislocation of the Peroneal Tendon . 292
Zoltan JD, Gilula LA and **Murphy WA.** Unilateral Facet Dislocation between the Fifth Lumbar and First Sacral Vertebrae. Case Report 767
Zuege RC, Kempken TG and **Blount WP.** Epiphyseal Stapling for Angular Deformity at the Knee 320
Zvetina JR, Foster J and **Reyes CV.** *Mycobacterium kansasii* Infection of the Elbow Joint. A Case Report 1099

SUBJECT INDEX

Volume 61-A

PAGE

A

Abscess, Calcified, in the Ulnar Nerve in a Patient with Leprosy. A Case Report. Lichtman DM, Swafford AW and Kerr DM 620

Acetabular Cups, Fracture of Polyethylene. Report of Two Cases. Salvati EA, Wright TM, Burstein AH and Jacobs B 1239

Acetabular Cyst in a Child. A Case Report. Morrissy RT 609

Acetabular Development after Reduction in Congenital Dislocation of the Hip. Lindstrom JR, Ponseti IV and Wenger DR 112

Acetabular Labrum, Intra-Articular: A Possible Etiological Factor in Certain Cases of Osteoarthritis of the Hip. Harris WH, Bourne RB and Oh I 510

Adamantinoma of the Ischium. Case Report. Lasda NA and Hughes EC Jr. .. 599

Adolescents, Management of Severe Spondylolisthesis in Children and. Boxall D, Bradford DS, Winter RB and Moe JH 479

Adolescents, Surgical Management of Thoracic Kyphosis in. Taylor TC, Wenger DR, Stephen J, Gillespie R and Bobechko WP 496

***Aeromonas hydrophila*, Open Fracture of the Tibia and Fibula Complicated by Infection with. A Case Report.** Blatz DJ 790

American Academy of Orthopaedic Surgeons, The. First Vice-Presidential Address. Guidelines for Tomorrow. Gartland JJ 467

American Orthopaedic Association, The — Its Role in a Troubled World. Presidential Address. Brown T 1112

Amputated Thumb, Reconstruction of an, in One Stage. Case Report — Free Neurovascular-Flap Transfer with Iliac-Bone Graft. Doi K, Tominaga S, Hono H, Ogoshi E and Nakamura S 1254

Anastomoses, Microvascular, for Bone Grafts in the Treatment of Massive Defects in Bone. Weiland AJ and Daniel RK 98

Anesthesia, The Effect of Hypotensive, on Cephalothin Concentrations in Bone and Muscle of Patients Undergoing Total Hip Replacement. Patel D, Moellering RJ Jr., Thrasher K, Fahmy NR and Harris WH 531

Ankle Arthrodesis. Long-Term Follow-up with Gait Analysis. Mazur JM, Schwartz E and Simon SR 964

Ankle, Degenerative Arthritis of the, Secondary to Long-Standing Lateral Ligament Instability. Harrington KD 354

Ankle, Neglected Rupture of the Peroneal Tendons Causing Recurrent Sprains of the. Case Report. Abraham E and Stirnaman JE 1247

Ankle Replacement, Clinical Study of Total, with Gait Analysis. A Preliminary Report. Demottaz JD, Mazur JM, Thomas WH, Sledge CB and Simon SR 976

Annular Constricting Bands. Moses JM, Flatt AE and Cooper RR 562

Antithrombin III, The Effect of Total Hip Replacement and General Surgery on, in Relation to Venous Thrombosis. Gitel SN, Salvati EA, Wessler S, Robinson HJ Jr. and Worth MH Jr. 653

Arthritis of the Ankle, Degenerative, Secondary to Long-Standing Lateral Ligament Instability. Harrington KD 354

Arthritis of the Basal Articulations, Replacement of the Trapezium for. A New Technique with Stabilization by Tenodesis. Eaton RG 76

Arthritis, Cervical Spine Fusion in Rheumatoid. Ranawat CS, O'Leary P, Pellicci P, Tsairis P, Marchisello P and Dorr L 1003

Arthritis, A New Method of Patellectomy for Patellofemoral. Compere CL, Hill JA, Lewinnek GE and Thompson RG 714

Arthrodesis, Glenohumeral. Operative and Long-Term Functional Results. Cofield RH and Briggs BT 668

Arthrography. A Comparison of Clinical Evaluation, Arthroscopy, and. Precision in the Diagnosis of Meniscal Lesions. Gillies H and Seligson D .. 343

Arthroplasty, Arthrodesis of the Knee following Failed Total Knee. Brodersen MP, Fitzgerald RH Jr., Peterson LFA, Coventry MB and Bryan RS 181

Arthroplasty of the Elbow, Excisional. Shahriaree H, Sajadi K, Silver CM and Sheikholeslamzadeh S 922

Arthroplasty, Patellar Complications following Total Knee. Mochizuki RM and Schurman DJ 879

Arthroplasty, Revisional Total Hip Replacement for Failed Ring. Jones JM . 1029

Arthroplasty, The Semiconstrained Total Shoulder. Coughlin MJ, Morris JM and West WF 574

Arthroscopy, A Comparison of Clinical Evaluation, Arthrography, and. Precision in the Diagnosis of Meniscal Lesions. Gillies H and Seligson D .. 343

Articular Cartilage Deformations in the Intact Human Hip Joint under Load, *In Vitro* Measurement of. Armstrong CG, Bahrani AS and Gardner DL 744

Aspiration of Infected Sacro-Iliac Joints. Miskew DB, Block RA and Witt PF 1071

"Atavistic Contrahentes Digitorum" and Associated Muscle Abnormalities of the Hand: A Cause of Symptoms. Report of Three Cases. Stark HH, Otter TA, Boyes JH and Rickard TA 286

Athlete, Serratus Anterior Paralysis in the Young. Gregg JR, Labosky D, Harty M, Lotke P, Ecker M, DiStefano V and Das M 825

Atlanto-Axial Subluxation in Children Due to Vertebral Anomalies. Dawson EG and Smith L 582

Atlanto-Occipital Dislocations, The Pathological Anatomy of Fatal. Bucholz RW and Burkhead WZ 248

Atlas, Chordoma of the. A Case Report. Wu KK, Mitchell DC and Guise ER . 140

Autotransfusion, Serial Serum Protein Determinations in Scoliotic Children Treated by Spine Fusion and. Parlett RC and Naidu R 105

B

Back Patient, Results of Surgical Intervention in the Symptomatic Multiply-Operated. Analysis of Sixty-seven Cases followed for Three to Seven Years. Finnegan WJ, Fenlin JM, Marvel JP, Nardini RJ and Rothman RH 1077

Bacterial Organism, Ewing's Sarcoma Presenting with a Coexistent. A Case Report. Kahanovitz N, Johanson PH and Hirose FM 604

Ballet Dancers, Partial Rupture of the Flexor Hallucis Longus Tendon in Classical. Two Case Reports. Sammarco GJ and Miller EH 149

Bankart and Putti-Platt Operations, Results after the. Recurrent Anterior Dislocation of the Shoulder. Hovelius L, Thorling J and Fredin H 566

(Bateman) Replacement, Postoperative Separation of the Femoral and Acetabular Components of a Single-Assembly Total Hip. Report of Two Cases. Barmada R and Siegel IM 777

Biceps Tendon Interposition, Fracture-Dislocation of the Shoulder with. Case Report. Janecki CJ and Barnett DC 142

Biopsy, Closed, of Musculoskeletal Lesions. Moore TM, Meyers MH, Patzakis MJ, Terry R and Harvey JP Jr. 375

Bone, Crochet Hook to Help Pass Sutures through. Bornstein D 466

Bone Formation. Induction of New-, in the Host Bed by Human Bone-Tumor Transplants in Athymic Nude Mice. Urist MR, Grant TT, Lindholm TS, Mirra JM, Hirano H and Finerman GAM 1207

Bone, Functional Adaptation of, to Increased Stress. An Experimental Study. Goodship AE, Lanyon LE and McFie H 539

Bone-Grafting for Benign and Malignant Tumors, Anterior Cervical Vertebral Body Resection and. A Survey under the Auspices of the Cervical Spine Research Society. Fielding JW, Pyle RN Jr. and Fietti VG Jr. 251

Bone Grafts, Microvascular Anastomoses for, in the Treatment of Massive Defects in Bone. Weiland AJ and Daniel RK 98

Bone Healing, Effects of Flexural Rigidity of Plates on. Bradley GW, McKenna GB, Dunn HK, Daniels AU and Statton WO 866

Bone Island, Positive Bone Scan in a. Case Report. Davies JAK, Hall FM, Goldberg RP and Kasdon EJ 943

Bone, Malignant Fibrous Histiocytoma of. Report of Two Cases and Review of the Literature. Dunham WK and Wilborn WH 939

Bone, The Mechanical Bonding of Methylmethacrylate to Cancellous. Effect of a Hemostatic Agent. Lange DR 254

Bone-Mineral Content, Surface Hardness, and Mechanical Fixation in the Human Radius. A Correlative Study. Trader JE, Johnson RP and Kalbfleisch JH 1217

Bone and Muscle of Patients Undergoing Total Hip Replacement, The Effect of Hypotensive Anesthesia on Cephalothin Concentrations in. Patel D, Moellering RC Jr., Thrasher K, Fahmy NR and Harris WH 531

Bone, Recurrent Giant-Cell Tumor of, in a Thirteen-Year-Old Girl. A Case Report. Reckling FW, Gurtler RA and Mantz FA 281

Bone Scan, Positive, in a Bone Island. Case Report. Davies JAK, Hall FM, Goldberg RP and Kasdon EJ 943

Bone-Scanning, Differential, in the Evaluation of a Painful Total Joint Replacement. Reing CM, Richin PF and Kenmore PI 933

Bones, Cortical Circulation of Long. Trias A and Fery A 1052

Book Reviews

Arden GP and Ansel BM. Surgical Management of Juvenile Chronic Polyarthritis 957

Avioli LV and Krane SM. Metabolic Bone Disease 638

Basmajian JV. Muscles Alive — Their Function Revealed by Electromyography 478

Chapchal G. Pseudarthroses and Their Treatment 1263

Dibos PE and Wagner HN. Atlas of Nuclear Medicine 798

Epps CH Jr. Complications in Orthopaedic Surgery 478

Felson B. Roentgenology of Fractures and Dislocations 317

Forrester DM, Brown JC, and Nesson JW. The Radiology of Joint Disease . 637

The Hip: Proceedings of the Sixth Open Scientific Meeting of The Hip Society 798

Hunter J, Schneider LH, Mackin EJ and Bell JA. Rehabilitation of the Hand 957

Kennedy JC. The Injured Adolescent Knee 956

Kieffer SA and Heitzman ER. An Atlas of Cross-Sectional Anatomy 958

Lovell WW and Winter RB. Pediatric Orthopaedics 957

Lusted LB and Keats TE. Atlas of Roentgenographic Measurement 317

Mason JK. The Pathology of Violent Injury 318

Nakano KK. Neurology of Musculoskeletal and Rheumatic Disorders 637

Park JB. Biomaterials; An Introduction 957

Post M. The Shoulder: Surgical and Nonsurgical Management 477

Ritter MA and Gosling C. The Knee — A Guide to the Examination and Diagnosis of Ligament Injuries 478

Sandzen SC Jr. Atlas of Wrist and Hand Fractures 1263

Schultz KP, Krahl H and Stein WH. Late Reconstructions of Injured Ligaments of the Knee 958

Serafin D and Buncke JF Jr. Microsurgical Composite Tissue Transplantation 1263

Smillie IS. Injuries of the Knee Joint 956

Spinner M. Injuries to the Major Branches of the Peripheral Nerves of the Forearm 477

Weeks PM and Wray RC. Management of Acute Hand Injuries 317

Weil UH. Acetabular Dysplasia — Skeletal Dysplasia in Childhood. Progress in Orthopaedic Surgery 637

Weir J and Abrahams P. An Atlas of Radiological Anatomy 638

White AA III and Panjabi MM. Clinical Biomechanics of the Spine 956

Yashon D. Spinal Injury 477

Books Received 318

Botulism, Wound, Complicating an Open Fracture. A Case Report and Review of the Literature. Hansen N and Tolo V 312

Brachial Plexus Injury following Barbiturate Overdose. Report of Three

PAGE

Cases with Five-Year Follow-up. Hsu JD 1252
Brief Notes
Arthrography in Juxta-Articular Cysts of the Knee. Two Cases Diagnosed by Delayed Roentgenograms. Buckwalter JA, Dryer RF and Mickelson MR 465
Bilateral Lateral Discoid Meniscus in Identical Twins. Gebhardt MC and Rosenthal RK 1110
Crochet Hook to Help Pass Sutures through Bone. Bornstein D 466
A Method of Skeletal Traction to Protect a Reattached Patellar Tendon following Total Knee Replacement. Volz RG 1109
Burns, Chondrolysis of the Hips Associated with Severe. A Case Report. Pellicci PM and Wilson PD Jr. 592
Bursitis, Chronic, Caused by *Phialophora richardsiae*. A Case Report. Torstrick RK, Harrison K, Heckman JD and Johnson JE 772

C

Calcaneal Fracture, Bilateral, in a Diabetic Patient. A Case Report. Coventry MB and Rothacker GW Jr. 462
Calcaneal Tuberculous Osteomyelitis, Isolated. A Case Report. Manzella JP, Vanvoris LP and Hruska JF 946
***Candida tropicalis*, Neonatal Osteomyelitis Caused by. Report of Two Cases and Review of the Literature.** Svirsky-Fein S, Langer L, Milbauer B, Khermosh O and Rubinstein E 455
Capitellum, Some Vagaries of the. Silberstein MJ, Brodeur AE and Graviss ER 244
Carcinogenesis of Plastic Implants, Mutagenesis versus. Editorial. Ritts RE Jr. 1201
Carpal-Tunnel Syndrome, The Surgical Treatment of the, Correlated with Preoperative Nerve-Conduction Studies. Harris CM, Tanner E, Goldstein MN and Pettee DS 93
Carpometacarpal Dislocations, Multiple. A Review of Four Cases. Hartwig RH and Louis DS 906
Cartilage Deformations in the Intact Human Hip Joint under Load, *In Vitro* Measurement of Articular. Armstrong CG, Bahrani AS and Gardner DL .. 744
Cartilage in Osteoarthritis, Metabolic Activity of Articular. An *in Vitro* Study. Thompson RC Jr. and Oegema TR Jr. 407
Cartilage, Traumatic Closure of the Triradiate. Report of a Case. Blair W and Hanson C 144
Cast, Valgus-Varus Stability in a Hinged, Used for Controlled Mobilization of the Knee. Daniel D and Rice T 135
Cast-Brace, Pressures Generated in the Thigh Cast of an Uninjured Subject Wearing a. Hardy AE and Baddeley S 362
Cast-Braces, Pressure Recordings in Patients with Femoral Fractures in, and Suggestions for Treatment. Hardy AE 365
Cephalothin Concentrations in Bone and Muscle of Patients Undergoing Total Hip Replacement, The Effect of Hypotensive Anesthesia on. Patel D, Moellering RC Jr., Thrasher K, Fahmy NR and Harris WH 531
Cerebral Palsy, Lengthening of the Elbow Flexors in. Mital MA 515
Cerebral Palsy Patient, Lateral Hamstring Transfer and Gait Improvement in the. Ray RL and Ehrlich MG 719
Cervical Soft-Tissue Injury, Acute, and Late Deformity. A Case Report. Nash CL Jr. 305
Cervical Spine Abnormalities in Neurofibromatosis. Yong-Hing K, Kalamchi A and MacEwen GD 695
Cervical Spine Fusion in Rheumatoid Arthritis. Ranawat CS, O'Leary P, Pellicci P, Tsairis P, Marchisello P and Dorr L 1003
Children and Adolescents, Management of Severe Spondylolisthesis in. Boxall D, Bradford DS, Winter RB and Moe JH 479
Children, Knee Ligament Injuries in. Clanton TO, DeLee JC, Sanders B and Neidre A 1195
Children, Osteonecrosis after Renal Transplantation in. Stern PJ and Watts HG 851
Children, The Three Syndromes of Iliac Osteomyelitis in. Beaupré A and Carroll N 1087
Chondrolysis of the Hip, Idiopathic. Duncan JW, Nasca R and Schrantz J ... 1024
Chondrolysis of the Hips Associated with Severe Burns. A Case Report. Pellicci PM and Wilson PD Jr. 592
Chondromatosis in the Hand, Tenosynovial. DeBenedetti MJ and Schwinn CP 898
Chondrosarcoma in a Child, Resection of the Proximal Third of the Femur for. Case Report. Carpenter EB 628
Chondrosarcoma, Protracted Survival in, Despite an Unusual Metastasis that Regressed Spontaneously. McLaughlin RE, Wang G-J, Ritchie WP Jr. and Sweet DE 137
Chordoma of the Atlas. A Case Report. Wu KK, Mitchell DC and Guise ER . 140
***Chromobacterium violaceum* Sepsis, Osteomyelitis Associated with. A Case Report.** Tucker RE, Winter WG Jr. and Wilson HD 949
Circulation of Long Bones, Cortical. Trias A and Fery A 1052
Circulation of the Tibia after Osteotomy and Plate Fixation in Dogs, The Effects of Intramedullary Methylmethacrylate and Reaming on the. Sorensen WG, Bloom JD and Kelly PJ 417
Clavicle, Irreducible Fracture of the Middle Third of the. Report of a Case. Jablon M, Sutker A and Post M 296
Claw Fingers, Clinical Features of Paralytic. Srinivasan H 1060
Club Foot, Gross and Histological Abnormalities of the Talus in Congenital. Shapiro F and Glimcher MJ 522
Club Foot, Resistant Congenital — One-Stage Posteromedial Release with Internal Fixation. A Follow-up Report of a Fifteen-Year Experience. Turco VJ 805
Coccygodynia, An Obscure Cause of. Case Report. Kinnett JG and Root L .. 299
Collagen Synthesis and Degradation in Embryonic Chick-Bone Explants. Sakamoto M, Sakamoto S, Brickley-Parsons D and Glimcher MJ 1042
Colles' Fractures, External Pin Fixation for Unstable. Cooney WP III, Linscheid RL and Dobyns JH 840
Coma, The Surgical Treatment of Heterotopic Ossification at the Elbow following Long-Term. Roberts JB and Pankratz DG 760
Compartment Pressure, High Muscle, Peripheral Nerve-Conduction Block by. Hargens AR, Romine JS, Sipe JC, Evans KL, Mubarak SJ and Akeson WH 192
Compartment Syndrome as a Complication of the Hauser Procedure. Wall JJ 185

PAGE

Compartment Syndrome, Peroneal, Secondary to Rupture of the Peroneus Longus. A Case Report. Davies JAK 783
Coracoid Process, Fracture of the, Associated with Subglenoid Dislocation of the Shoulder. A Case Report. Benchetrit E and Friedman B 295
Cortical Circulation of Long Bones. Trias A and Fery A 1052
Cortical Hyperostosis, Infantile. Case Report. Jackson DR and Lyne ED 770
Cruciate Ligament, Injury to the Anterior, Producing the Pivot-Shift Sign. An Experimental Study on Cadaver Specimens. Fetto JF and Marshall JL 710
Cruciate Ligaments, Microvasculature of the, and Its Response to Injury. An Experimental Study in Dogs. Arnoczky SP, Rubin RM and Marshall JL 1221
Cuboid Bone, Ewing's Tumor of the, Simulating Avascular Necrosis. Report of a Case. Wientroub S, Michels H, Baratz M, Shile R and Salama R 951
Cuneiform, Supernumerary Toe Arising from the Medial. A Case Report. Rao BR 308
Cyst, Acetabular, in a Child. A Case Report. Morrissy RT 609
Cyst, an Intraneural, Compression of the Deep Branch of the Ulnar Nerve by. Case Report. Bowers WH and Doppelt SH 612
Cyst of the Lateral Meniscus Causing Erosion of the Tibial Plateau. A Case Report. Enis JE and Ghandur-Mnaymneh L 441
Cyst, Tibial, Caused by Recurrent Hemorrhage, Neurofibromatosis with. A Case Report. Hooper G and McMaster MJ 274
Cysts of the Knee, Arthrography in Juxta-Articular. Two Cases Diagnosed by Delayed Roentgenograms. Brief Note. Buckwalter JA, Dryer RF and Mickelson MR 465
Cysts, Osteochondritis Dissecans of the Talus Associated with Subchondral. Report of Three Cases. Yuan HA, Cady RB and DeRosa C 1249

D

Diabetic Patient, Bilateral Calcaneal Fracture in a. A Case Report. Coventry MB and Rothacker GW Jr. 462
Diaphyseal Dysplasia, Progressive. Report of a Case with Thirty-four Years of Progressive Disease. Van Dalsem VF, Genant HK and Newton TH 596
Diaphyseal Segments of the Radius, Successful Regeneration of Large Extruded. Report of Two Cases. Varma BP and Srivastava TP 290
Diaphysis of the Femur, Ender Nailing in Fractures of the. Eriksson E and Hovelius L 1175
Digital Rays, Distraction-Lengthening of, in the Management of the Injured Hand. Kessler I, Hecht O and Baruch A 83
Disc Surgery, Failed Lumbar, and Repeat Surgery following Industrial Injuries. Waddell G, Kummel EG, Lotto WN, Graham JD, Hall H and McCulloch JA 201
Dislocated Hips Reduced in Early Infancy, Growth and Development of Congenitally. Weintroub S, Green I, Terdiman R and Weissman SL 125
Dislocation and Dysplasia of the Hip, Total Hip Replacement in Congenital. Crowe JF, Mani VJ and Ranawat CS 15
Dislocation, Elbow, in the Adult, The Operative Treatment of. Dürig M, Müller W, Rüedi TP and Gauer EF 239
Dislocation of the Hip, Acetabular Development after Reduction in Congenital. Lindstrom JR, Ponseti IV and Wenger DR 112
Dislocation of the Hip, Congenital. Open Reduction Through a Medial Approach. Weinstein SL and Ponseti IV 119
Dislocation of the Hip, Open Reduction for Congenital, Using the Ferguson Procedure. A Review of Twenty-six Cases. Roose PE, Chingren GL, Klaaren HE and Broock G 915
Dislocation, Intra-Articular, of the Patella. A Case Report. Donelson RG and Tomaiuoli M 615
Dislocation, Recurrent, of the Peroneal Tendon. Zoellner G and Clancy W Jr. 292
Dislocation of the Shoulder, Recurrent Anterior. Results after the Bankart and Putti-Platt Operations. Hovelius L, Thorling J and Fredin H 566
Dislocation of the Shoulder, Subglenoid, Fracture of the Coracoid Process Associated with. A Case Report. Benchetrit E and Friedman B 295
Dislocations of the Cervical Spine, Acute Fractures and. An Analysis of Three Hundred Hospitalized Patients and a Review of the Literature. Bohlman HH 1119
Dislocations, Fatal Atlanto-Occipital, The Pathological Anatomy of. Bucholz RW and Burkhead WZ 248
Dislocations of the Hip, Irreducible Traumatic. Canale ST and Manugian AH 7
Dislocations of the Hip, Treatment of Unreduced Traumatic Posterior. Garrett JC, Epstein HC, Harris WH, Harvey JP Jr. and Nickel VL 2
Dislocations, Multiple Carpometacarpal. A Review of Four Cases. Hartwig RH and Louis DS 906
Dressing Technique for Below-the-Knee Amputation, Innovative Removable Rigid. A Preliminary Report. Wu Y, Keagy RD, Krick HJ, Stratigos JS and Betts HB 724
Dysplasia of the Hip, Total Hip Replacement in Congenital Dislocation and. Crowe JF, Mani VJ and Ranawat CS 15
Dysplasia, Progressive Diaphyseal. Report of a Case with Thirty-four Years of Progressive Disease. Van Dalsem VF, Genant HK and Newton TH 596
Dysraphism, Remission of Pes Cavus in Surgically Treated Spinal. James HE, McLaurin RL and Watkins WT 1096

E

Editorial
Ave Atque Vale. Curtiss PH Jr. 1
Mutagenesis versus Carcinogenesis of Plastic Implants. Ritts RE Jr. 1201
Welcome Aboard. Board of Trustees 319
Elbow Dislocation in the Adult, The Operative Treatment of. Dürig M, Müller W, Rüedi TP and Gauer EF 239
Elbow following Excision of the Radial Head, Biomechanical Study of the. Morrey BF, Chao EY and Hui FC 63
Elbow, Excisional Arthroplasty of the. Shahriaree H, Sajadi K, Silver CM and Sheikholeslamzedeh S 922
Elbow-Flexion Contractures after Acute Injuries, Turnbuckle Orthotic Correction of. Green DP and McCoy H 1092
Elbow Flexors in Cerebral Palsy, Lengthening of the. Mital MA 515
Elbow Joint, *Mycobacterium kansasii* Infection of. A Case Report. Zvetina JR,

PAGE

Foster J and Reyes CV 1099
Elbow, The Surgical Treatment of Heterotopic Ossification at the, following Long-Term Coma. Roberts JB and Pankratz DC 760
Elbow, Tennis. The Surgical Treatment of Lateral Epicondylitis. Nirschl RP and Pettrone FA 832
Emboli, Pulmonary, following Total Hip Arthroplasty: Incidence Study. Dorr LD, Sakimura I and Mohler JG 1063
Embolization, Later Arterial, Complicating Total Hip Replacement. A Case Report. Neal J, Wachtel TL, Garza OT and Edwards WS 429
Embryonic Chick-Bone Explants, Collagen Synthesis and Degradation in. Sakamoto M, Sakamoto S, Brickley-Parsons D and Glimcher MJ 1042
Enchondroma, Unusual Recurrence of. A Case Report. Wang G-J, Dunstan JC and Stamp WG 452
Ender Nailing of Femoral-Shaft Fractures, Closed. Pankovich AM, Goldflies ML and Pearson RL 222
Endoprosthesis, The Universal Proximal Femoral. A Short-Term Comparison with Conventional Hemiarthroplasty. Drinker H and Murray WR 1167
Energy Cost of Walking with Lesions of the Foot. Veicsteinas A, Aghemo P, Margaria R, Cova P and Pozzolini M 1073
Epicondylitis, The Surgical Treatment of Lateral. Tennis Elbow. Nirschl RP 832
Epiphyseal Cartilage, Proximal Tibial, Fractures of the Tibia through the. Shelton WR and Canale ST 167
Epiphyseal Displacement, Distal Radial, after Impaired Ulnar Growth. An Experimental Study in Rabbits. Peinado A 88
Epiphyseal Stapling for Angular Deformity at the Knee. Zuege RC, Kemp-ken TG and Blount WP 320
Epiphysis, Fractures of the Proximal Tibial. Burkhart SS and Peterson HA 996
Epiphysis in Young Children, Fracture-Separation of the Distal Humeral. Mizuno K, Hirohata K and Kashiwagi D 570
Epiphysitis, Osgood-Schlatter, Subcutaneous Atrophy following Methyl-prednisolone Injection in. Rostron PKM and Calver RF 627
Ewing's Sarcoma Presenting with a Coexistent Bacterial Organism. A Case Report. Kahanovitz N, Johanson PH and Hirose FM 604
Ewing's Tumor of the Cuboid Bone Simulating Avascular Necrosis. Report of a Case. Wientroub S, Michels H, Baratz M, Shile R and Salama R 951
Ewing's Tumor, Osteosarcoma with Small Cells Simulating. Sim FH, Unni KK, Beabout JW and Dahlin DC 207
Exostoses, Hereditary Multiple. Anthropometric, Roentgenographic, and Clinical Aspects. Shapiro F, Simon S and Glimcher MJ 815
Exostoses, Subungual. Landon GC, Johnson KA and Dahlin DC 256

F

Facet Dislocation, Unilateral, between the Fifth Lumbar and First Sacral Vertebrae. Case Report. Zoltan JD, Gilula LA and Murphy WA 767
Femoral Anteversion and Neck-Shaft Angle, A Simple Biplanar Method of Measuring. Ogata K and Goldsand EM 846
Femoral Attachment of the Posterior Cruciate Ligament, Avulsion of the, in an Eleven-Year-Old Boy. Case Report. Mayer PJ and Micheli LJ 431
Femoral Endoprosthesis, The Universal Proximal. A Short-Term Comparison with Conventional Hemiarthroplasty. Drinker H and Murray WR 1167
Femoral Fractures in Case-Braces, Pressure Recordings in Patients with, and Suggestions for Treatment. Hardy AE 365
Femoral Head, Successful Conservative Treatment of a Fracture-Dislocation of the. A Case Report. Dowd GSE and Johnson R 1244
Femoral Hemiarthroplasty, Failed, Total Hip Replacement following. Amstutz HC and Smith RK 1161
Femoral Neck, Anteversion of the. Comparison of Methods of Measurement in Patients. Ruby L, Mital MA, O'Connor J and Patel U 46
Femoral Neck Stress Fracture in a Hyperactive Child. A Case Report. Miller F and Wenger DR 435
Femoral-Shaft Fractures, Closed Ender Nailing of. Pankovich AM, Goldflies ML and Pearson RL 222
Femoral Shaft, Ipsilateral Concomitant Fractures of the Hip and. Casey MJ and Chapman MW 503
Femur, Ender Nailing in Fractures of the Diaphysis of the. Eriksson E and Hovelius L 1175
Femur, Intra-Osseous Lipoma of the Proximal Part of the. Case Report. DeLee JC 601
Femur, Overgrowth of the, following Fractures in Children: Influence of Handedness. Meals RA 381
Femur, Reconstruction of a Fractured, following Total Hip Replacement. Report of a Case. Olerud S 937
Femur, Resection of the Proximal Third of the, for Chondrosarcoma in a Child: Replacement with a Metallic Prosthesis. Case Report. Carpenter EB 628
Femur or Tibia, Prosthetic Replacement of the Knee and a Large Segment of the. Sim FH and Chao EYS 887
Femur, Transarticular Fixation in the Treatment of Non-Union of Supra-condylar Fractures of the: A Salvage Procedure. Beall MS Jr., Nebel E and Bailey RW 1018
Ferguson Procedure, Open Reduction for Congenital Dislocation of the Hip Using the. A Review of Twenty-six Cases. Roose PE, Chingren GL, Klaaren HE and Broock G 915
Fibrocartilaginous Lesions of Bone and Hemangiomas and Lipomas of Soft Tissue Resembling Maffucci's Syndrome. A Case Report. Bender BL and Yunis E 1104
Fibrodysplasia Ossificans Progressiva. A Survey of Forty-two Cases. Rogers JG and Geho WB 909
Fibrosis of the Gluteus Maximus Muscle, Contracture of the Hip Secondary to. Hang Y-S 52
Fingers, Clinical Features of Paralytic Claw. Srinivasan H 1060
Fingers, Movement Patterns of Interosseus-Minus. Srinivasan H 557
Fixation in the Human Radius, Mechanical, Bone-Mineral Content, Surface Hardness, and. A Correlative Study. Trader JE, Johnson RP and Kalb-fleisch JH 1217
Flexor Hallucis Longus Tendon, Partial Rupture of the, in Classical Ballet Dancers. Two Case Reports. Sammarco GJ and Miller EH 149
Foot Deformities, Infant, A Teaching Model for Instruction in the Manipulation of. Letts RM and Sweitzer R 791
Foot, Energy Cost of Walking with Lesions of the. Veicsteinas A, Aghemo P, Margaria R, Cova P and Pozzolini M 1073
Foot, Resistant Congenital Club — One-Stage Posteromedial Release with Internal Fixation. A Follow-up Report of a Fifteen-Year Experience. Turco VJ 805
Fracture of the Base of the Second Metacarpal, Avulsion, by the Extensor Carpi Radialis Longus. A Case Report. DeLee JC 445
Fracture of the Coracoid Process Associated with Subglenoid Dislocation of the Shoulder. A Case Report. Benchetrit E and Friedman B 295
Fracture-Dislocation of the Femoral Head, Successful Conservative Treatment of a. A Case Report. Dowd GSE and Johnson R 1244
Fracture-Dislocation of the Proximal Interphalangeal Joint, Anterior. A Case Report. Baugher WH and McCue FC III 779
Fracture-Dislocation of the Shoulder with Biceps Tendon Interposition. Case Report. Janecki CJ and Barnett DC 142
Fracture-Dislocation of the Thoracic Spine, Complete, without Spinal Cord Injury. A Case Report. Gertzbein SD and Offierski C 449
Fracture of the Distal End of the Humerus, Untreated Median-Nerve Entrapment in Bone after: Postmortem Findings after Forty-seven Years. Report of a Case. Holmes JC, Skolnick MD and Hall JE 309
Fracture of the Head of the Radius, Internal Fixation of. Two Case Reports. Odenheimer K and Harvey JP Jr. 785
Fracture of the Middle Third of the Clavicle, Irreducible. Report of a Case. Jablon M, Sutker A and Post M 296
Fracture of Polyethylene Acetabular Cups. Report of Two Cases. Salvati EA, Wright TM, Burstein AH and Jacobs B 1239
Fracture of the Radial Neck, Medial Displacement of the Shaft of the Radius with a. Report of a Case. Manoli A II 788
Fracture-Separation of the Distal Humeral Epiphysis in Young Children. Mizuno K, Hirohata K and Kashiwagi D 570
Fracture of the Tibia and Fibula, Open, Complicated by Infection with *Aeromonas hydrophila*. A Case Report. Blatz DJ 790
Fracture, Wound Botulism Complicating an Open. A Case Report and Review of the Literature. Hansen N and Tolo V 312
Fractured Femur, Reconstruction of a, following Total Hip Replacement. Report of a Case. Olerud S 937
Fractures at the Base of the Thumb: Treatment with Oblique Traction. Gelberman RH, Vance RM and Zakaib GS 260
Fractures in Children, Overgrowth of the Femur following: Influence of Handedness. Meals RA 381
Fractures, Closed Ender Nailing of Femoral-Shaft. Pankovich AM, Goldflies ML and Pearson RL 222
Fractures of the Diaphysis of the Femur, Ender Nailing in. Eriksson E and Hovelius L 1175
Fractures and Dislocations of the Cervical Spine, Acute. An Analysis of Three Hundred Hospitalized Patients and a Review of the Literature. Bohlman HH 1119
Fractures of the Distal End of the Radius, The Roger Anderson Device in the Treatment of. Grana WA and Kopta JA 1234
Fractures, External Pin Fixation for Unstable Colles'. Cooney WP III, Lin-scheid RL and Dobyns JH 840
Fractures of the Femur, Transarticular Fixation in the Treatment of Non-Union of Supracondylar: A Salvage Procedure. Beall MS Jr., Nebel E and Bailey RW 1018
Fractures, A Fluted Intramedullary Rod for Subtrochanteric. Biomechanical Considerations and Preliminary Clinical Results. Heiple KG, Brooks DB, Samson BL and Burstein AH 730
Fractures in the Hand, Tendon Rupture as a Complication of Screw Fixation in. A Case Report. Fambrough RA and Green DP 781
Fractures of the Hip and Femoral Shaft, Ipsilateral Concomitant. Casey MJ and Chapman MW 503
Fractures of the Humerus, Supracondylar. A Comparative Study of Dunlop's Traction versus Percutaneous Pinning. Prietto CA 425
Fractures, Intertrochanteric Hip, Analysis of Six Hundred and Twenty-two. A Retrospective and Prospective Study. Kyle RF, Gustilo RB and Premer RF 216
Fractures, Olecranon, Experience with the McAtee Olecranon Device in. Coughlin MJ, Slabaugh PB and Smith TK 385
Fractures, Plate Fixation versus Conservative Treatment of Tibial Shaft. A Randomized Trial. van der Linden W and Larsson K 873
Fractures, Pressure Recordings in Patients with Femoral, in Cast-Braces and Suggestions for Treatment. Hardy AE 365
Fractures of the Proximal Tibial Epiphysis. Burkhart SS and Peterson HA 996
Fractures of the Tibia in Dogs, Extraction of Minerals after Experimental. Hughes SPF, Lemon GJ, Davies DR, Bassingthwaighte JB and Kelly PJ 857
Fractures of the Tibia through the Proximal Tibial Epiphyseal Cartilage. Shelton WR and Canale ST 167
Fractures of the Tibial Plateau. Treatment by Closed Reduction and Spica Cast. Drennan DB, Locher FG and Maylahn DJ 989

G

Gait Analysis, Clinical Study of Total Ankle Replacement with. A Preliminary Report. Demottaz JD, Mazur JM, Thomas WH, Sledge CB and Simon SR 976
Gait Analysis, Long-Term Follow-up with. Ankle Arthrodesis. Mazur JM, Schwartz E and Simon SR 964
Gait in Hemiplegia, Stiff-Legged: Surgical Correction. Waters RL, Garland DE, Perry J, Habig T and Slabaugh P 927
Gait Improvement in the Cerebral Palsy Patient, Lateral Hamstring Transfer and. Ray RL and Ehrlich MG 719
Gait, The Initiation of. Mann RA, Hagy JL, White V and Liddell D 232
Genu Recurvatum, Severe Congenital. Case Report. Ahmadi B, Shahriaree H and Silver CM 622

PAGE

Glenohumeral Arthrodesis. Operative and Long-Term Functional Results. Cofield RH and Briggs BT 668
Gluteus Maximus Muscle, Fibrosis of the, Contracture of the Hip Secondary to. Hang Y-S 52
Grafts, Microvascular Anastomoses for Bone, in the Treatment of Massive Defects in Bone. Weiland AJ and Daniel RK 98
Guidelines for Tomorrow. First Vice-Presidential Address to The American Academy of Orthopaedic Surgeons. Gartland JJ 467
Gunshot Wounds of the Spine: The Effects of Laminectomy. Stauffer ES, Wood RW and Kelly EG 389

H

Hamstring Transfer, Lateral, and Gait Improvement in the Cerebral Palsy Patient. Ray RL and Ehrlich MG 719
Hand, "Atavistic Contrahentes Digitorum" and Associated Muscle Abnormalities of the: A Cause of Symptoms. Report of Three Cases. Stark JJ, Otter TA, Boyes JH and Rickard TA 286
Hand, Distraction-Lengthening of Digital Rays in the Management of the Injured. Kessler I, Hecht O and Baruch A 83
Hand, Lipofibroma of the Median Nerve in the Palm and Digits of the. Patel MR, Silver JW, Lipton DE and Pearlman HS 393
Hand, Tendon Rupture as a Complication of Screw Fixation in Fractures in the. A Case Report. Fambrough RA and Green DP 781
Hand, Tenosynovial Chondromatosis in the. DeBenedetti MJ and Schwinn CP 898
Hand-Washing Agents, A Microbiological In-Use Comparison of Surgical. Eitzen HE, Ritter MA, French MLV and Gioe TJ 403
Handedness, Influence of: Overgrowth of the Femur following Fractures in Children. Meals RA 381
Hauser Procedure, Compartment Syndrome as a Complication of the. Wall JJ 185
Healing, Bone, Effects of Flexural Rigidity of Plates on. Bradley GW, McKenna GB, Dunn HK, Daniels AU and Statton WO 860
Heel Pad, A Glomus Tumor of the. A Case Report. Quigley JT 443
Hemangiomas and Lipomas of Soft Tissue, Fibrocartilaginous Lesions of Bone and, Resembling Maffucci's Syndrome. A Case Report. Bender BL and Yunis E 1104
Hemiplegia, Stiff-Legged Gait in: Surgical Correction. Waters RL, Garland DE, Perry J, Habig T and Slabaugh P 927
Hemophilia, Synovectomy or Total Replacement of the Knee in. McCollough NC III, Enis JE, Lovitt J, Lian EC-Y, Niemann KNW and Loughlin EC Jr. . 69
Hemorrhage, Neurofibromatosis with Tibial Cyst Caused by Recurrent. A Case Report. Hooper G and McMaster MJ 274
Hemostatic Agent, Effect of a, The Mechanical Bonding of Methylmethacrylate to Cancellous Bone. Lange DR 254
Hip, Acetabular Development after Reduction in Congenital Dislocation of the. Lindstrom JR, Ponseti IV and Wenger DR 112
Hip Arthroplasty, Pulmonary Emboli following Total: Incidence Study. Dorr LD, Sakimura I and Mohler JG 1083
Hip (Bateman) Replacement, Postoperative Separation of the Femoral and Acetabular Components of a Single-Assembly Total. Report of Two Cases. Barmada R and Siegel IM 777
Hip, Congenital Dislocation of the. Open Reduction Through a Medial Approach. Weinstein SL and Ponseti IV 119
Hip, Contracture of the, Secondary to Fibrosis of the Gluteus Maximus Muscle. Hang Y-S 52
Hip and Femoral Shaft, Ipsilateral Concomitant Fractures of the. Casey MJ and Chapman MW 503
Hip Fractures, Analysis of Six Hundred and Twenty-two Intertrochanteric. A Retrospective and Prospective Study. Kyle RF, Gustilo RB and Premer RF 216
Hip, Idiopathic Chondrolysis of the. Duncan JW, Nasca R and Schrantz J ... 1024
Hip, Irreducible Traumatic Dislocation of the. Canale ST and Manugian AH 7
Hip Joint under Load, *In Vitro* Measurement of Articular Cartilage Deformations in the Intact Human. Armstrong CG, Bahrani AS and Gardner DL 744
Hip, Open Reduction for Congenital Dislocation of the, Using the Ferguson Procedure. A Review of Twenty-six Cases. Roose PE, Chingren GL, Klaaren HE and Broock G 915
Hip, A Possible Etiological Factor in Certain Cases of Osteoarthritis of the: Intra-Articular Acetabular Labrum. Harris WH, Bourne RB and Oh I 510
Hip, Reconstruction of the. A Mathematical Approach to Determine Optimum Geometric Relationships. Johnston RC, Brand RA and Crowninshield RD 639
Hip Replacement, Acute Renal Failure after Total. Gelman ML, Frazier CH and Chandler HP 657
Hip Replacement, The Effect of Hypotensive Anesthesia on Cephalothin Concentrations in Bone and Muscle of Patients Undergoing Total. Patel D, Moellering RC Jr., Thrasher K, Fahmy NR and Harris WH 531
Hip Replacement, The Effect of Total, and General Surgery on Antithrombin III in Relation to Venous Thrombosis. Gitel SN, Salvati EA, Wessler S, Robinson HJ Jr. and Worth MH Jr. 653
Hip Replacement, Ischemia of the Lower Extremity after Total. Report of Four Cases. Matos MH, Amstutz HC and Machleder HI 24
Hip Replacement, Later Arterial Embolization Complicating Total. A Case Report. Neal J, Wachtel TL, Garza OT and Edwards WS 429
Hip Replacement, A Method for the Postmortem Evaluation of an *in Situ* Total. Wright TM, Hughes PW, Terzilli PA and Wilson PD Jr. 661
Hip Replacement, Reconstruction of a Fractured Femur following Total. Report of a Case. Olerud S 937
Hip Replacement Requiring Reoperation, Mechanical Failures in Total. Pellicci PM, Salvati EA and Robinson HJ 28
Hip Replacement, Revisional Total, for Failed Ring Arthroplasty. Jones JM 1029
Hip Replacement, Total, in Congenital Dislocation and Dysplasia of the Hip. Crowe JF, Mani VJ and Ranawat CS 15
Hip Replacement, Total, following Failed Femoral Hemiarthroplasty. Amstutz HC and Smith RK 1161
Hip Surgery, A Complication of Bleeding following. Sciatic Paralysis. Fleming RE Jr., Michelsen CB and Stinchfield FE 37
Hip, Tendon Transfers in the Paralytic. Cabaud HE, Westin GW and Connelly S 1035
Hip, Treatment of Unreduced Traumatic Posterior Dislocations of the. Garrett JC, Epstein HC, Harris WH, Harvey JP Jr. and Nickel VL 2
Hips, Chondrolysis of the, Associated with Severe Burns. A Case Report. Pellicci PM and Wilson PD Jr. 592
Hips Reduced in Early Infancy, Growth and Development of Congenitally Dislocated. Weintroub S, Green I, Terdiman R and Weissman SL 125
Histiocytoma of Bone, Malignant Fibrous. Report of Two Cases and Review the Literature. Dunham WK and Wilborn WH 939
Humeral Epiphysis in Young Children, Fracture-Separation of the Distal. Mizuno K, Hirohata K and Kashiwagi D 570
Humerus, Supracondylar Fractures of the. A Comparative Study of Dunlop's Traction versus Percutaneous Pinning. Prietto CA 425
Humerus, Untreated Median-Nerve Entrapment in Bone after Fracture of the Distal End of the: Postmortem Findings after Forty-seven Years. Report a Case. Holmes JC, Skolnick MD and Hall JE 309
Hyperostosis, Infantile Cortical. Case Report. Jackson DR and Lyne ED 770
Hyperthermia, Malignant. A Potentially Fatal Syndrome in Orthopaedic Patients. Jardon OM, Wingard DW, Barak AJ and Connolly JF 1064

I

Iliac Osteomyelitis in Children, The Three Syndromes of. Beaupré A and Carroll N 1087
Iliopsoas Muscle Transfer in Myelodysplasia, Posterior. Jackson RD, Padgett TS and Donovan MM 40
Iliotibial-Band Transfer, Distal, for Anterolateral Rotatory Instability of the Knee. Ellison AE 330
Implants, Mutagenesis versus Carcinogenesis of Plastic. Editorial. Ritts RE Jr. 1201
Infected Sacro-Iliac Joints, Aspiration of. Miskew DB, Block RA and Witt PF . 1071
Infection of the Elbow Joint, *Mycobacterium kansasii*. A Case Report. Zvetina JR, Foster J and Reyes CV 1099
Innominate Osteotomy, A Modified, for the Treatment of Postural Imbalance. Transiliac Lengthening of the Lower Extremity. Millis MB and Hall JE 1182
Interphalangeal Joint, Anterior Fracture-Dislocation of the Proximal. A Case Report. Baugher WH and McCue FC III 779
Interphalangeal Joint, Closed Rupture of the Volar Plate of the Distal. Bowers WH and Fajgenbaum DM 146
Ischemia of the Lower Extremity after Total Hip Replacement. Report of Four Cases. Matos MH, Amstutz HC and Machleder HI 24
Ischium, Adamantinoma of the. Case Report. Lasda NA and Hughes EC Jr. . 599

J

Joint Replacement, Differential Bone-Scanning in the Evaluation of a Painful Total. Reing CM, Richin PF and Kenmore PI 933
Joint Replacement in Non-Ambulatory Patients. Arafiles RP and Gustilo RB 892
Joints in Male Subjects, Normal Range of Motion of. Boone DC and Azen SP 756
Journal of Bone and Joint Surgery, Writing for The. Curtiss PH Jr. 799

K

Knee, Acute Anterolateral Rotatory Instability of the. Norwood LA Jr., Andrews JR, Meisterling RC and Glancy GL 704
Knee Amputation, An Innovative Removable Rigid Dressing Technique for Below-the-. A Preliminary Report. Wu Y, Keagy RD, Krick HJ, Stratigos JS and Betts HB 724
Knee, Arthrodesis of the, following Failed Total Knee Arthroplasty. Brodersen MP, Fitzgerald RH Jr., Peterson LFA, Coventry MB and Bryan RS 181
Knee, Arthrography in Juxta-Articular Cysts of the. Two Cases Diagnosed by Delayed Roentgenograms. Brief Note. Buckwalter JA, Dryer RF and Mickelson MR 465
Knee Arthroplasty, Patellar Complications following Total. Mochizuki RM and Schurman DJ 879
Knee, Distal Iliotibial-Band Transfer for Anterolateral Rotatory Instability of the. Ellison AE 330
Knee, Epiphyseal Stapling for Angular Deformity at the. Zuege RC, Kempken TG and Blount WP 320
Knee in Hemophilia, Synovectomy or Total Replacement of the. McCollough NC III, Enis JE, Lovitt J, Lian EC-Y, Niemann KNW and Loughlin EC Jr. . 69
Knee Joint, Intra-Articular Rheumatoid Nodule of the, Associated with Recurrent Subluxation of the Patella. Case Report. Huang TL, Fossier C, Ray RD and Ghosh L 438
Knee and a Large Segment of the Femur or Tibia, Prosthetic Replacement of the. Sim FH and Chao EYS 887
Knee Ligament Injuries in Children. Clanton TO, DeLee JC, Sanders B and Neidre A 1195
Knee, Marmor Modular, in Unicompartmental Disease. Minimum Four-Year Follow-up. Marmor L 347
Knee Prosthesis, The Total Condylar. A Report of Two Hundred and Twenty Cases. Insall J, Scott WN and Ranawat CS 173
Knee Stability, *In Vitro* Measurements of, after Bicondylar Replacement. Markolf KL, Finerman GM and Amstutz HC 547
Knee, The Supporting Structures and Layers on the Medial Side of the. An Anatomical Analysis. Warren LF and Marshall JL 56
Knee, Torn Discoid Menisci of the, in Adults. Four Cases Reports. Berson BL and Hermann G 303
Knee, Valgus-Varus Stability in a Hinged Cast Used for Controlled Mobilization of the. Daniel D and Rice T 135
Knees of Children, Ligament Injuries in the. Bradley GW, Shives TC and Samuelson KM 588
Kyphosis in Adolescents, Surgical Management of Thoracic. Taylor TC, Wenger DR, Stephen J, Gillespie R and Bobechko WP 496
Kyphosis in Children with Myelomeningocele, Vertebral Excision for. Lindseth RE and Stelzer L Jr. 699

PAGE

L

Laminectomy, The Effects of: Gunshot Wounds of the Spine. Stauffer ES, Wood RW and Kelly EG ... 389
Leprosy, Calcified Abscess in the Ulnar Nerve in a Patient with. A Case Report. Lichtman DM, Swafford AW and Kerr DM ... 620
Ligament, Avulsion of the Femoral Attachment of the Posterior Cruciate, in an Eleven-Year-Old Boy. Case Report. Mayer PJ and Micheli LJ ... 431
Ligament Injuries, Knee, in Children. Clanton TO, DeLee JC, Sanders B and Neidre A ... 1195
Ligament Injuries in the Knees of Children. Bradley GW, Shives TC and Samuelson KM ... 588
Ligament, Injury to the Anterior Cruciate, Producing the Pivot-Shift Sign. An Experimental Study on Cadaver Specimens. Fetto JF and Marshall JL ... 710
Ligament Instability, Degenerative Arthritis of the Ankle Secondary to Long-Standing Lateral. Harrington KD ... 354
Ligament, Medial Collateral, The Role of the Musculature in Injuries to the. Pope MH, Johnson RJ, Brown DW and Tighe C ... 398
Ligaments, Microvasculature of the Cruciate, and Its Response to Injury. An Experimental Study in Dogs. Arnoczky SP, Rubin RM and Marshall JL ... 1221
Lipofibroma of the Median Nerve in the Palm and Digits of the Hand. Patel MR, Silver JW, Lipton DE and Pearlman HS ... 393
Lipoma of the Proximal Part of the Femur, Intra-Osseous. Case Report. DeLee JC ... 601
Lipomas of Soft Tissue Resembling Maffucci's Syndrome, Fibrocartilaginous Lesions of Bone and. A Case Report. Bender BL and Yunis E ... 1104
Lower Extremity, Transiliac Lengthening of the. A Modified Innominate Osteotomy for the Treatment of Postural Imbalance. Millis MB and Hall JE 1182
Lumbar Spine, Anterior Fusion of the. End-Result Study with Long-Term Follow-up. Flynn JC and Hoque MA ... 1143

M

Male Subjects, Normal Range of Motion of Joints in. Boone DC and Azen SP . 756
Marmor Modular Knee in Unicompartmental Disease. Minimum Four-Year Follow-up. Marmor L ... 347
Median-Nerve Entrapment in Bone after Fracture of the Distal End of the Humerus, Untreated: Postmortem Findings after Forty-seven Years. Report of a Case. Holmes JC, Skolnick MD and Hall JE ... 309
Median Nerve at the Wrist, Bipartite. Report of a Case. Crandall RC and Hamel AL ... 311
Melanoma, A Possible Soft-Tissue Variant of Malignant: Clear-Cell Sarcoma with Melanin Pigment. Case Report. Raynor AC, Vargas-Cortes F, Alexander RW and Bingham HG ... 276
Meniscal Lesions, Precision in the Diagnosis of: A Comparison of Clinical Evaluation, Arthrography, and Arthroscopy. Gillies H and Seligson D ... 343
Meniscectomy, Isolated Lateral. A Study of Twenty-six Patients with Isolated Tears. Yocum LA, Kerlan RK, Jobe FW, Carter VS, Shields CL Jr., Lombardo SJ and Collins HR ... 338
Menisci of the Knee in Adults, Torn Discoid. Four Case Reports. Berson BL and Hermann G ... 303
Meniscus, Cyst of the Lateral, Causing Erosion of the Tibial Plateau. A Case Report. Enis JE and Ghandur-Mnaymneh L ... 441
Meniscus in Identical Twins, Bilateral Lateral Discoid. Brief Note. Gebhardt MC and Rosenthal RK ... 1110
Metacarpal, Avulsion Fracture of the Base of the Second, by the Extensor Carpi Radialis Longus. A Case Report. DeLee JC ... 445
Metacarpophalangeal Joint of the Thumb, A Simplified Technique to Correct Hyperextension Deformity of the. Kessler I ... 903
Metastasis that Regressed Spontaneously, Protracted Survival in Chondrosarcoma Despite an Unusual. McLaughlin RE, Wang G-J, Ritchie WF Jr. and Sweet DE ... 137
Methylmethacrylate, The Effects of Intramedullary, and Reaming on the Circulation of the Tibia after Osteotomy and Plate Fixation in Dogs. Sorensen WG, Bloom JD and Kelly PJ ... 417
Methylmethacrylate, The Mechanical Bonding of, to Cancellous Bone. Effect of a Hemostatic Agent. Lange DR ... 254
Methylmethacrylate Is a Mutagen for *Salmonella typhimurium*. Poss R, Thilly WG and Kaden DA ... 1203
Methylprednisolone Injection in Osgood-Schlatter Epiphysitis, Subcutaneous Atrophy following. Rostron PKM and Calver RF ... 627
Microbiological In-Use Comparison of Surgical Hand-Washing Agents, A. Eitzen HE, Ritter MA, French MLV and Gioe TJ ... 403
Microvasculature of the Cruciate Ligaments and Its Response to Injury. An Experimental Study in Dogs. Arnoczky SP, Rubin RM and Marshall JL ... 1221
Mineral Content, Bone-, Surface Hardness, and Mechanical Fixation in the Human Radius. A Correlative Study. Trader JE, Johnson RP and Kalbfleisch JH ... 1217
Minerals, Extraction of, after Experimental Fractures of the Tibia in Dogs. Hughes SPF, Lemon GJ, Davies DR, Bassingthwaighte JB and Kelly PJ ... 857
Muscle Abnormalities of the Hand, "Atavistic Contrahentes Digitorum" and Associated: A Cause of Symptoms. Report of Three Cases. Stark HH, Otter TA, Boyes JH and Rickard TA ... 286
Muscle-Compartment Pressure, Peripheral Nerve-Conduction Block by High. Hargens, AR, Romine JS, Sipe JC, Evans KL, Mubarak SJ and Akeson WH 192
Muscle Transfer, Posterior Iliopsoas, in Myelodysplasia. Jackson RD, Padgett TS and Donovan MM ... 40
Muscles, Pressures Generated in the Thigh, and under the Thigh Cast of an Uninjured Subject Wearing a Cast-Brace. Hardy AE and Baddeley S ... 362
Musculature, The Role of the, in Injuries to the Medial Collateral Ligament. Pope MH, Johnson RJ, Brown DW and Tighe C ... 398
Musculoskeletal Disorders, The Impact of, on the Population of the United States. Kelsey JL, White AA III, Pastides H and Bisbee GE Jr. ... 959
Musculoskeletal Lesions, Closed Biopsy of. Moore TM, Meyers MH, Patzakis MJ, Terry R and Harvey JP Jr. ... 375
Mutagen for *Salmonella typhimurium*, Methylmethacrylate Is a. Poss R, Thilly WG and Kaden DA ... 1203
Mutagenesis versus Carcinogenesis of Plastic Implants. Editorial. Ritts RE Jr. ... 1201
***Mycobacterium fortuitum*, Infection of Prosthetic Arthroplasty by. Two Case Reports.** Booth JE, Jacobson JA, Kurrus TA and Edwards TW ... 300
***Mycobacterium kansasii* Infection of the Elbow Joint. A Case Report.** Zvetina JR, Foster J and Reyes CV ... 1099
Myelodysplasia, Posterior Iliopsoas Muscle Transfer in. Jackson RD, Padgett TS and Donovan MM ... 40

N

Neck-Shaft Angle, A Simple Biplanar Method of Measuring Femoral Anteversion and. Ogata K and Goldsand EM ... 846
Necrosis, Ewing's Tumor of the Cuboid Bone Simulating Avascular. Report of a Case. Wientroub S, Michels H, Baratz M, Shile R and Salama R ... 951
Nerve, Calcified Abscess in the Ulnar, in a Patient with Leprosy. A Case Report. Lichtman DM, Swafford AW and Kerr DM ... 620
Nerve, Compression of the Deep Branch of the Ulnar, by an Intraneural Cyst. Case Report. Bowers WH and Doppelt SH ... 612
Nerve-Conduction Block, Peripheral, by High Muscle-Compartment Pressure. Hargens AR, Romine JS, Sipe JC, Evans KL, Mubarak SL and Akeson WH ... 192
Nerve-Conduction Studies, Preoperative, The Surgical Treatment of the Carpal-Tunnel Syndrome Correlated with. Harris CM, Tanner E, Goldstein MN and Pettee DS ... 93
Nerve, Lipofibroma of the Median, in the Palm and Digits of the Hand. Patel MR, Silver JW, Lipton DE and Pearlman HS ... 393
Neurofibromatosis, Cervical Spine Abnormalities in. Yong-Hing K, Kalamchi A and MacEwen GD ... 695
Neurofibromatosis, Spine Deformity in. A Review of One Hundred and Two Patients. Winter RB, Moe JH, Bradford DS, Lonstein JE, Pedras CV and Weber AH ... 677
Neurofibromatosis with Tibial Cyst Caused by Recurrent Hemorrhage. A Case Report. Hooper G and McMaster MJ ... 274
Neuroma, Plantar, Visualization with a Laminar Spreader. Miller WA ... 1258
News Notes ... 155, 315, 473, 634, 795, 953, 1116, 1260
Non-Union of Supracondylar Fractures of the Femur, Transarticular Fixation in the Treatment of: A Salvage Procedure. Beall MS Jr., Nebel E and Bailey RW ... 1018

O

Obituaries
José Luis Bado ... 153
Charles H. Frantz ... 152
George J. Garceau ... 793
Nicholas J. Giannestras ... 472
Henry L. Jaffe ... 634
Joe Wesley King ... 1259
Carroll B. Larson ... 151
Raymond Earl Lenhard ... 794
William Burns MacKinnon ... 1259
Occipital Dislocations, The Pathological Anatomy of Fatal Atlanto-. Bucholz RW and Burkhead WZ ... 248
Olecranon Device in Olecranon Fractures, Experience with the McAtee. Coughlin MJ, Slabaugh PB and Smith TK ... 385
Orthotic Correction, Turnbuckle, of Elbow-Flexion Contractures after Acute Injuries. Green DP and McCoy H ... 1092
Ossification at the Elbow, Heterotopic, following Long-Term Coma, The Surgical Treatment of. Roberts JB and Pankratz DG ... 760
Osteoarthritis of the Hip, A Possible Etiological Factor in Certain Cases of. Intra-Articular Acetabular Labrum. Harris WH, Bourne RB and Oh I ... 510
Osteoarthritis, Metabolic Activity of Articular Cartilage in. An *in Vitro* Study. Thompson RC and Oegema TR Jr. ... 407
Osteochondritis Dissecans of the Talus Associated with Subchondral Cysts. Report of Three Cases. Yuan HA, Cady RB and DeRosa C ... 1249
Osteogenesis Imperfecta, Osteosarcoma Occurring in. A Case Report. Rutkowski R, Resnick P and McMaster JH ... 606
Osteomyelitis Associated with *Chromobacterium violaceum* Sepsis. A Case Report. Tucker RE, Winter WG Jr. and Wilson HD ... 949
Osteomyelitis in Children, The Three Syndromes of Iliac. Beaupré A and Carroll N ... 1087
Osteomyelitis, Isolated Calcaneal Tuberculous. A Case Report. Manzella JP, Vanvoris LP and Hruska JF ... 946
Osteomyelitis, Neonatal, Caused by *Candida tropicalis*. Report of Two Cases and Review of the Literature. Svirsky-Fein S, Langer L, Milbauer B, Khermosh O and Rubinstein E ... 455
Osteomyelitis of the Rib Presenting as Painful Torticollis. Case Report. Steinberg GG ... 614
Osteomyelitis, Turn-Up Osteoplasty for Tibial Defect from. A Case Report. Tse D, Branick R, Beatie J and King D ... 764
Osteonecrosis after Renal Transplantation in Children. Stern PJ and Watts HG ... 851
Osteoplasty, Turn-Up, for Tibial Defect from Osteomyelitis. A Case Report. Tse D, Branick R, Beatie J and King D ... 764
Osteosarcoma Occurring in Osteogenesis Imperfecta. A Case Report. Rutkowski R, Resnick P and McMaster JH ... 606
Osteosarcoma with Small Cells Simulating Ewing's Tumor. Sim FH, Unni KK, Beabout JW and Dahlin DC ... 207

P

Painful Total Joint Replacement, Differential Bone-Scanning in the Evaluation of a. Reing CM, Richin PF and Kenmore PI ... 933
Paralysis, High Ulnar-Nerve, Correction of the Attritional Boutonnière Deformity in. Burkhalter WE and Carneiro RS ... 131
Paralysis, Sciatic. A Complication of Bleeding following Hip Surgery. Fleming RE Jr., Michelsen CB and Stinchfield FE ... 37
Paralysis in the Young Athlete, Serratus Anterior. Gregg JR, Labosky D, Harty M, Lotke P, Ecker M, DiStefano V and Das M ... 825

PAGE

Paralytic Claw Fingers, Clinical Features of. Srinivasan H 1060
Paralytic Hip, Tendon Transfers in the. Cabaud HE, Westin GW and Connelly S 1035
Patella, Intra-Articular Dislocation of the. A Case Report. Donelson RG and Tomaiuoli M 615
Patella, Recurrent Subluxation of the, Intra-Articular Rheumatoid Nodule of the Knee Joint Associated with. A Case Report. Huang TL, Fossier C, Ray RD and Ghosh L 438
Patellar Complications following Total Knee Arthroplasty. Mochizuki RM and Schurman DJ 879
Patellar Tendon, Late Reconstruction of the. Ecker ML, Lotke PA and Glazer RM 884
Patellar Tendon following Total Knee Replacement, A Method of Skeletal Traction to Protect a Reattached. Brief Note. Volz RG 1109
Patellectomy, A New Method of, for Patellofemoral Arthritis. Compere CL, Hill JA, Lewinnek GE and Thompson RG 714
Patellofemoral Contact Stress, Relief of, by Anterior Displacement of the Tibial Tubercle. Ferguson AB Jr., Brown TD, Fu FH and Rutkowski R 159
Pelvic Ring, Disruption of the, Treated by External Skeletal Fixation. A Case Report. Sahlstrand T 433
Perilunar Dislocation, Volar. A Case Report. Pournaras J and Kappas A 625
Peroneal Tendons, Neglected Rupture of the, Causing Recurrent Sprains of the Ankle. Case Report. Abraham E and Stirnaman JE 1247
Peroneus Longus, Rupture of the, Peroneal Compartment Syndrome Secondary to. A Case Report. Davies JAK 783
Pes Cavus in Surgically Treated Spinal Dysraphism, Remission of. Report of a Case. James HE, McLaurin RL and Watkins WT 1096
***Phialophora richardsiae*, Chronic Bursitis Caused by.** Torstrick RF, Harrison K, Heckman JD and Johnson JE 772
Pinning, A Comparative Study of Dunlop's Traction versus Percutaneous. Supracondylar Fractures of the Humerus. Prietto CA 425
Pivot-Shift Sign, Injury to the Anterior Cruciate Ligament Producing the. An Experimental Study on Cadaver Specimens. Fetto JF and Marshall JL 710
Plate Fixation versus Conservative Treatment of Tibial Shaft Fractures. A Randomized Trial. van der Linden W and Larsson K 873
Plates, Effects of Flexural Rigidity of, on Bone Healing. Bradley GW, McKenna GB, Dunn HK, Daniels AU and Statton WO 866
Popliteal Cyst with a Large Osteochondral Mass. A Case Report. DeBenedetti M, Waugh TR and Evanski PM 147
Population of the United States, The Impact of Musculoskeletal Disorders on the. Kelsey JL, White AA III, Pastides H and Bisbee GE Jr. 959
Postural Imbalance, A Modified Innominate Osteotomy for the Treatment of. Transiliac Lengthening of the Lower Extremity. Millis MB and Hall JE ... 1182
Presidential Address. The American Orthopaedic Association — Its Role in a Troubled World. Brown T 1112
Prosthesis, The Total Condylar Knee. A Report of Two Hundred and Twenty Cases. Insall J, Scott WN and Ranawat CS 173
Prosthetic Arthroplasty, Infection of, by *Mycobacterium fortuitum*. Two Case Reports. Booth JE, Jacobson JA, Kurrus TA and Edwards TW 300
Pulmonary Emboli following Total Hip Arthroplasty: Incidence Study. Dorr LD, Sakimura I and Mohler JG 1083
Putti-Platt Operations, Results after the Bankart and. Recurrent Anterior Dislocation of the Shoulder. Hovelius L, Thorling J and Fredin H 566

R

Radial Head, Biomechanical Study of the Elbow following Excision of the. Morrey BF, Chao EY and Hui FC 63
Radio-Ulnar Synostosis, Congenital: Surgical Treatment. Green WT and Mital MA 738
Radio-Ulnar Translocation, Proximal. A Case Report. Harvey S and Tchélébi H 447
Radius, Bone-Mineral Content, Surface Hardness, and Mechanical Fixation in the Human. A Correlative Study. Trader JE, Johnson RP and Kalbfleisch JH 1217
Radius, Internal Fixation of Fracture of the Head of the. Two Case Reports. Odenheimer K and Harvey JP Jr. 785
Radius, Medial Displacement of the Shaft of the, with a Fracture of the Radial Neck. Report of a Case. Manoli A II 788
Radius, The Roger Anderson Device in the Treatment of Fractures of the Distal End of the. Grana WA and Kopta JA 1234
Radius, Successful Regeneration of Large Extruded Diaphyseal Segments of the. Report of Two Cases. Varma BP and Srivastava TP 290
Renal Failure, Acute, after Total Hip Replacement. Gelman ML, Frazier CH and Chandler HP 657
Renal Transplantation in Children, Osteonecrosis after. Stern PJ and Watts HG 851
Rheumatoid Nodule of the Knee Joint Associated with Recurrent Subluxation of the Patella, Intra-Articular. A Case Report. Huang TL, Fossier C, Ray RD and Ghosh L 438
Rib, Osteomyelitis of the, Presenting as Painful Torticollis. Case Report. Steinberg GG 614
Ring Arthroplasty, Revisional Total Hip Replacement for Failed. Jones JM . 1029
Roger Anderson Device in the Treatment of Fractures of the Distal End of the Radius, The. Grana WA and Kopta JA 1234
Rupture, Closed, of the Volar Plate of the Distal Interphalangeal Joint. Bowers WH and Fajgenbaum DM 146

S

Sacro-Iliac Joints, Aspiration of Infected. Miskew DB, Block RA and Witt PF . 1071
Sacrum, Deep Venous Occlusion as the Initial Presentation of Osteogenic Sarcoma of the. A Case Report. Levine AM and Chretien P 775
***Salmonella typhimurium*, Methylmethacrylate Is a Mutagen for.** Poss R, Thilly WG and Kaden DA 1203
Sarcoma, Clear-Cell, with Melanin Pigment: A Possible Soft-Tissue Variant of Malignant Melanoma. Case Report. Raynor AC, Vargas-Cortes F, Alexander RW and Bingham HG 276

PAGE

Sarcoma, Ewing's, Presenting with a Coexistent Bacterial Organism. A Case Report. Kahanovitz N, Johanson PH and Hirose FM 604
Sarcoma of the Sacrum, Deep Venous Occlusion as the Initial Presentation of Osteogenic. A Case Report. Levine AM and Chretien P 775
Sarcoma of the Second Cervical Vertebra, Primary Osteogenic. Case Report. Mnaymneh W, Brown M, Tejada F and Morrison G 460
Scapula, Anomaly of the, Associated with Sprengel's Deformity. Case Report. Conforty B 1243
(Scapula, Locked) Scapulothoracic Dislocation. A Case Report. Hollinshead R and James KW 1102
Scapula, Traumatic Winging of the. Gozna ER and Harris WR 1230
Scapulothoracic Dislocation (Locked Scapula). A Case Report. Hollinshead R and James KW 1102
Sciatic Paralysis. A Complication of Bleeding following Hip Surgery. Fleming RE Jr., Michelsen CB and Stinchfield FE 37
Scoliosis Fusion, Reconstructive Surgery in the Adult for Failed. Cummine JL, Lonstein JE, Moe JH, Winter RB and Bradford DS 1151
Scoliosis, Risks of Exposure to X-Rays in Patients Undergoing Long-Term Treatment for. Nash CL Jr., Gregg EC, Brown RH and Pillai K 371
Scoliotic Children Treated by Spine Fusion and Autotransfusion, Serial Serum Protein Determinations in. Parlett RC and Naidu R 105
Screws with Damaged Heads, a Simplified Method for the Removal of. Termanini ZA and Schildhaus AIE 631
Serratus Anterior Paralysis in the Young Athlete. Gregg JR, Labosky D, Harty M, Lotke P, Ecker M, DiStefano V and Das M 825
Serum Protein Determinations, Serial, in Scoliotic Children Treated by Spine Fusion and Autotransfusion. Parlett RC and Naidu R 105
Shoulder Arthroplasty, The Semiconstrained Total. Coughlin MJ, Morris JM and West WF 574
Shoulder, Fracture of the Coracoid Process Associated with Subglenoid Dislocation of the. A Case Report. Benchetrit E and Friedman B 295
Shoulder, Fracture-Dislocation of the, with Biceps Tendon Interposition. Case Report. Janecki CJ and Barnett DC 142
Shoulder, Recurrent Anterior Dislocation of the. Results after the Bankart and Putti-Platt Operations. Hovelius L, Thorling J and Fredin H 566
Spinal Dysraphism, Remission of Pes Cavus in Surgically Treated. Report of a Case. James HE, McLaurin RL and Watkins WT 1096
Spine Abnormalities in Neurofibromatosis, Cervical. Yong-Hing K, Kalamchi A and MacEwen GD 695
Spine, Acute Fractures and Dislocations of the Cervical. An Analysis of Three Hundred Hospitalized Patients and a Review of the Literature. Bohlman HH 1119
Spine, Anterior Fusion of the Lumbar. End-Result Study with Long-Term Follow-up. Flynn JC and Hoque MA 1143
Spine, Complete Fracture-Dislocation of the Thoracic, without Spinal Cord Injury. A Case Report. Gerzbein SD and Offierski C 449
Spine Deformity in Neurofibromatosis. A Review of One Hundred and Two Patients. Winter RB, Moe JH, Bradford DS, Lonstein JE, Pedras CV and Weber AH 677
Spine Fusion and Autotransfusion, Serial Serum Protein Determinations in Scoliotic Children Treated by. Parlett RC and Naidu R 105
Spine Fusion, Cervical, in Rheumatoid Arthritis. Ranawat CS, O'Leary P, Pellicci P, Tsairis P, Marchisello P and Dorr L 1003
Spine, Gunshot Wounds of the: The Effects of Laminectomy. Stauffer ES, Wood RW and Kelly EG 389
Spondylolisthesis in Children and Adolescents, Management of Severe. Boxall D, Bradford DS, Winter RB and Moe JH 479
Spondylolisthesis, A Family with. Shahriaree H, Sajadi K and Rooholamini SA 1256
Sprengel's Deformity, Anomaly of the Scapula Associated with. Case Report. Conforty B 1243
Subluxation in Children, Atlanto-Axial, Due to Vertebral Anomalies. Dawson EG and Smith L 582
Subluxations, Recurrent Bilateral Mid-Tarsal. A Case Report. Hooper G and McMaster MJ 617
Subtrochanteric Fractures, A Fluted Intramedullary Rod for. Biomechanical Considerations and Preliminary Clinical Results. Heiple KG, Brooks DB, Samson BL and Burstein AH 730
Sutures through Bone, Crochet Hook to Help Pass. Bornstein D. 466

T

Talus, Osteochondritis Dissecans of the, Associated with Subchondral Cysts. Report of Three Cases. Yuan HA, Cady RB and DeRosa C 1249
Tarsal Subluxations, Recurrent Bilateral Mid-. A Case Report. Hooper G and McMaster MJ 617
Tendon, Late Reconstruction of the Patellar. Ecker ML, Lotke PA and Glazer RM 884
Tendon, Recurrent Dislocation of the Peroneal. Zoellner G and Clancy W Jr. 292
Tendon Rupture as a Complication of Screw Fixation in Fractures in the Hand. A Case Report. Fambrough RA and Green DP 781
Tendon Transfers in the Paralytic Hip. Cabaud HE, Westin GW and Connelly S 1035
Tendons, Neglected Rupture of the Peroneal, Causing Recurrent Sprains of the Ankle. Case Report. Abraham E and Stirnaman JE 1247
Tenosynovial Chondromatosis in the Hand. DeBenedetti MJ and Schwinn CP 898
Thigh Cast of an Uninjured Subject Wearing a Cast-Brace, Pressures Generated in the Thigh Muscles and under the. Hardy AE and Baddeley S 362
Thrombosis, The Effect of Total Hip Replacement and General Surgery on Antithrombin III in Relation to Venous. Gitel SN, Salvati EA, Wessler S, Robinson HJ Jr. and Worth MH Jr. 653
Thumb, Fractures at the Base of the: Treatment with Oblique Traction. Gelberman RH, Vance RM and Zakaib GS 260
Thumb, Reconstruction of an Amputated, in One Stage. Case Report — Free Neurovascular-Flap Transfer with Iliac-Bone Graft. Doi K, Tominaga S, Hono H, Ogoshi E and Nakamura S 1254
Thumb, A Simplified Technique to Correct Hyperextension Deformity of the Metacarpophalangeal Joint of the. Kessler I 903
Tibia in Dogs, Extraction of Minerals after Experimental Fractures of the.

PAGE

Hughes SPF, Lemon GJ, Davies DR, Bassingthwaighte JB and Kelly PJ 857
Tibia, The Effects of Intramedullary Methylmethacrylate and Reaming on the Circulation of the, after Osteotomy and Plate Fixation in Dogs. Sorensen WG, Bloom JD and Kelly PJ 417
Tibia, Fractures of the, through the Proximal Tibial Epiphyseal Cartilage. Shelton WR and Canale ST 167
Tibia, The Influence of Mechanical Function on the Development and Remodeling of the. An Experimental Study in Sheep. Lanyon LE and Bourn S 263
Tibia, Prosthetic Replacement of the Knee and a Large Segment of the Femur or. Sim FH and Chao EYS 887
Tibial Cyst Caused by Recurrent Hemorrhage, Neurofibromatosis with. A Case Report. Hooper G and McMaster MJ 274
Tibial Defect from Osteomyelitis, Turn-Up Osteoplasty for. Tse D, Branick R, Beatie J and King D 764
Tibial Epiphysis, Fractures of the Proximal Tibial. Burkhart SS and Peterson HA 996
Tibial Plateau, Cyst of the Lateral Meniscus Causing Erosion of the. A Case Report. Enis JE and Ghandur-Mnaymneh L 441
Tibial Plateau, Fractures of the. Treatment by Closed Reduction and Spica Cast. Drennan DB, Locher FG and Maylahn DJ 989
Tibial Shaft Fractures, Plate Fixation versus Conservative Treatment of. A Randomized Trial. van der Linden W and Larsson K 873
Tibial Tubercle, Relief of Patellofemoral Contact Stress by Anterior Displacement of the. Ferguson AB Jr., Brown TD, Fu FH and Rutkowski R 159
Toe, Supernumerary, Arising from the Medial Cuneiform. A Case Report. Rao BR 308
Torticollis, Osteomyelitis of the Rib Presenting as Painful. Case Report. Steinberg GG 614
Traction, a Comparative Study of Dunlop's, versus Percutaneous Pinning. Supracondylar Fractures of the Humerus. Prietto CA 425
Transplants in Athymic Nude Mice, Induction of New-Bone Formation in the Host Bed by Human Bone-Tumor. Urist MR, Grant TT, Lindholm TS, Mirra JM, Hirano H and Finerman GAM 1207
Trapezium, Replacement of the, for Arthritis of the Basal Articulations. A New Technique with Stabilization by Tenodesis. Eaton RG 76
Tuberculosis of the Triceps Muscle, Isolated. Case Report. Derkash RS and Makley JT 248
Tuberculous Osteomyelitis, Isolated Calcaneal. A Case Report. Manzella JP, Vanvoris LP and Hruska JF 946
Tumor of Bone, Recurrent Giant-Cell, in a Thirteen-Year-Old Girl. A Case Report. Reckling FW, Gurtler RA and Mantz FA 281
Tumor of the Heel Pad, A Glomus. A Case Report. Quigley JT 443
Tumor Transplants in Athymic Nude Mice, Induction of New-Bone Formation in the Host Bed by Human Bone-. Urist MR, Grant TT, Lindholm TS, Mirra JM, Hirano H and Finerman GAM 1207
Tumors, Anterior Cervical Vertebral Body Resection and Bone-Grafting for Benign and Malignant. A Survey under the Auspices of the Cervical Spine Research Society. Fielding JW, Pyle RN Jr. and Fietti VG Jr. 251

U

Ulnar Growth, Distal Radial Epiphyseal Displacement after Impaired Distal. An Experimental Study in Rabbits. Peinado A 88
Ulnar-Nerve Paralysis, Correction of the Attritional Boutonnière Deformity in High. Burkhalter WE and Carneiro RS 131
United States, The Impact of Musculoskeletal Disorders on the Population of the. Kelsey JL, White AA III, Pastides H and Bisbee GE Jr. 959

V

Venous Occlusion, Deep, as the Initial Presentation of Osteogenic Sarcoma of the Sacrum. A Case Report. Levine AM and Chretien P 775
Vertebra, Primary Osteogenic Sarcoma of the Second Cervical. Case Report. Mnaymneh W, Brown M, Tejada F and Morrison G 460
Vertebrae, Unilateral Facet Dislocation between the Fifth Lumbar and First Sacral. Case Report. Zoltan JD, Gilula LA and Murphy WA 767
Vertebral Anomalies, Atlanto-Axial Subluxation in Children Due to. Dawson EG and Smith L 582
Vertebral Body Resection, Anterior Cervical, and Bone-Grafting for Benign and Malignant Tumors. A Survey under the Auspices of the Cervical Spine Research Society. Fielding JW, Pyle RN Jr. and Fietti VG Jr. 251
Vertebral Excision for Kyphosis in Children with Myelomeningocele. Lindseth RE and Stelzer L Jr. 699
Vertebral Resections, A Single-Stage Combined Surgical Approach for. Fountain SS 1011
Vice-Presidential Address to The American Academy of Orthopaedic Surgeons, First. Guidelines for Tomorrow. Gartland JJ 467

W

Walking with Lesions of the Foot, Energy Cost of. Veicsteinas A, Aghemo P, Margaria R, Cova P and Pozzolini M 1073
Wrist, Bipartite Median Nerve at the. Report of a Case. Crandall RC and Hamel AL 311
Writing for The Journal of Bone and Joint Surgery. Curtiss PH Jr. 799

X

X-Rays in Patients Undergoing Long-Term Treatment for Scoliosis, Risks of Exposure to. Nash CL Jr., Gregg EC, Brown RH and Pillai K 371